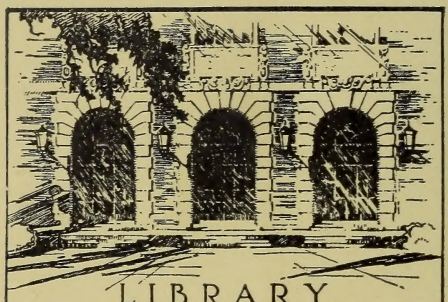

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Macalester College Bulletin

Catalog Number
April, 1918

Volume VI Number 3

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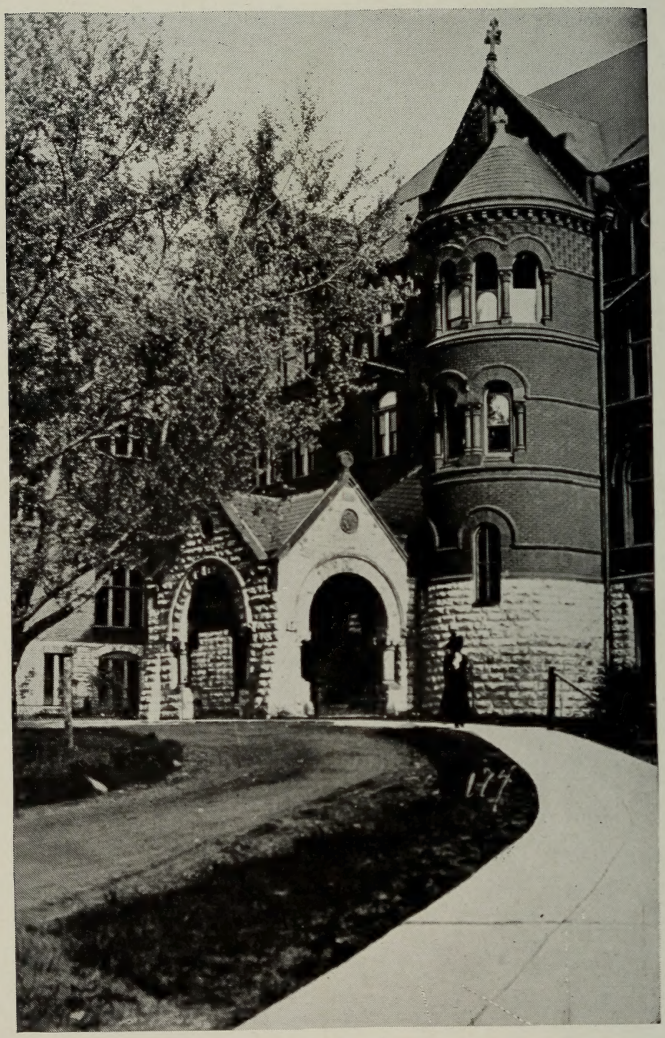

ENTRANCE TO MAIN BUILDING

Catalog

Macalester College

1917 - 1918

Accredited by the North Central Association of Colleges and Secondary Schools.

Macalester College uses in its official publications a number of the reformed spellings recommended by the Simplified Spelling Board and now authorized by standard dictionaries.

SAINT PAUL, MINNESOTA

Entered April 29, 1905, at Saint Paul, Minn., as second class matter under Act of Congress July 16, 1894.

Issued Quarterly in October, January, April and June.

College Calendar

1918-1919

1918

June 7. Friday, 8:30 p. m., Recital, Conservatory of Music.
June 8. Saturday, 8:15 p. m., Senior Class Play.
June 9. Sunday, 10:30 a. m., Baccalaureate Sermon.
June 9. Sunday, 8:00 p. m., Christian Associations' Service.
June 10. Monday, 11:00 a. m., Extemporaneous Speaking Contest.
June 10. Monday, 8:15 p. m., Senior Class Play.
June 11. Tuesday, 11:00 a. m., Class Day Exercises.
June 11. Tuesday, 1:30 p. m., Annual Meeting of Board of Trustees
June 11. Tuesday, 2:30 p. m., Faculty-Alumni Baseball Game.
June 11. Tuesday, 6:30 p. m., Alumni Banquet.
June 12. Wednesday, 10:00 a. m., Twenty-ninth Annual Commencement.
June 12. Wednesday, 1:30 p. m., College Luncheon.
June 12. Wednesday, 8:30 p. m., President's Reception.
Sept. 30-Oct. 1. Monday-Tuesday, Registration Days.
Oct. 1. Tuesday, 10:30 a. m., First Semester begins.
Nov. 28. Thursday, Thanksgiving.
Dec. 20. Friday, 4:20 p. m., Christmas Vacation begins.

1919

Jan. 2. Thursday, 8:00 a. m., Christmas Vacation ends.
Feb. 3-8. Monday-Saturday, First Semester Examinations and Second Semester Registration.
Feb. 10. Monday, 8:00 a. m., Second Semester begins.
Feb. 12. Wednesday, Lincoln's Birthday.
Feb. 22. Saturday, Washington's Birthday.
April 17. Thursday, 4:20 p. m., Spring Vacation begins.
April 22. Tuesday, 8:00 a. m., Spring Vacation ends.
May 30. Friday, Memorial Day.
June 2-7. Monday-Saturday, Second Semester Examinations.
June 11. Wednesday, Second Semester ends.

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1921/22

Administrative Officers

Address correspondence as follows:

ELMER ALLEN BESS, President.
Information, General Business.
Address all correspondence during summer vacation.

RICHARD U. JONES, Dean.
Curriculum, Student Activities and College Policies.

JOHN P. HALL, Registrar.
Catalog, Grades, Credits, Entrance Requirements.

HARRY PHILLIPS, Director Conservatory of Music.
Catalog, Tuition, Entrance.

ALICE M. CLOUGH, House Director of Wallace Hall.

BISHOP H. SCHRIBER, Secretary and Attorney.
Records, Taxes, Litigation, Release of Mortgage.
Pioneer Building, St. Paul.

CHAS. E. MacKEAN, Treasurer.
Endicott Building, St. Paul.

RUFUS C. JEFFERSON, Chairman Finance Committee.
Endowment Investments.
Merchants National Bank Building, St. Paul.

Board of Trustees

Officers of the Board

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R. C. JEFFERSON.....First Vice-President
G. D. DAYTON.....Second Vice-President
B. H. SCHRIBER.....Secretary
C. E. MACKEAN.....Treasurer
RICHARD E. STOWER.....Cashier and Accountant

Trustees

TERMS EXPIRE JUNE, 1918

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E. B. KIRK.....St. Paul
REV. JOHN E. BUSHNELL, D. D.....Minneapolis
WATSON P. DAVIDSON.....St. Paul
P. L. HOWE.....Minneapolis

TERMS EXPIRE JUNE, 1919

B. H. SCHRIBER.....St. Paul
R. C. JEFFERSON.....St. Paul
GEORGE W. WISHARD.....Minneapolis
GEORGE D. DAYTON.....Minneapolis
.....

TERMS EXPIRE JUNE, 1920

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THOMAS B. JANNEY.....Minneapolis
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B. H. SCHRIBER
E. A. BESS

College Faculty

ELMER ALLEN BESS, D. D., President.
Professor of Vocation
Residence, 233 Macalester Avenue. N. W. Midway 6413.

JAMES WALLACE, Ph. D.,
Professor of Bible. Head Professor of Bible Training Department.
On the Frederick Weyerhaeuser Foundation.
Residence, 68 South Snelling Avenue. N. W. Midway 2178.

ANDREW WORK ANDERSON, A. M.,
Professor of Philosophy and Education.
On the O. A. Robertson Foundation.
Residence, 1628 Laurel Avenue. N. W. Midway 375.

DAVID NEWTON KINGERY, A. M.,
Professor of Mathematics and Astronomy.
Residence, 1722 Summit Avenue.

JULIA MacFARLANE JOHNSON, A. M.,
Professor of English Literature and Old English.
Residence, 63 Macalester Avenue. N. W. Midway 7689.

HENRY DANIEL FUNK, A. M.,
Professor of History.
Residence, 195 Macalester Avenue. N. W. Midway 2129.

RICHARD URIAH JONES, A. M., Dean.
Professor of Chemistry.
Residence, 1745 Lincoln Avenue. N. W. Midway 1881.

HUGH STUART ALEXANDER, A. M.,
Professor of Physics and Geology.
Residence, 1710 Portland Avenue. N. W. Midway 1080.

JOHN PORTER HALL, A. B., Registrar,
Professor of Greek.
Residence, 1668 Princeton Avenue. N. W. Midway 3735.

GEORGE WILLIAM DAVIS, Ph. D., D. D.,
Professor of Social and Political Science.
Residence, 2268 Blake Avenue. N. W. Midway 1152.

GLENN CLARK, A. M.,
Professor of English.
Residence, 1787 Goodrich Avenue. N. W. Midway 1620.

FREDERICK JAMES MENGER, A. M., Dean of Men.
Head of the Department of Modern Languages,
Professor of German.
Residence, 1346 Grand Avenue. N. W. Midway 4301.

CARL WILLIAM KNAPP, A. B.
Professor of Biology.
Residence, 117 Cambridge Avenue. N. W. Midway 1793.

FREDERIC GIBBS AXTELL, A. M.,
Librarian. Associate Professor of Bibliography.
Residence, 1270 Lincoln Avenue. N. W. Midway 1366.

LUCIUS ROGERS SHERO, A. M.,
Associate Professor of Latin.
Residence, 124 Amherst Avenue. N. W. Midway 2205.

EMMA CAUGHEY BESS,
Associate Professor of Vocation.
Residence, 233 Macalester Avenue. N. W. Midway 6413.

GRACE BEE WHITRIDGE,
Adjunct Professor of Dramatic Art and English. Physical Director for Women.
Residence, 654 Hague Avenue. N. W. Dale 301.

FARQUHAR DAVID McRAE, Ph. D., D. D.,
Adjunct Professor of Apologetics and History.
Residence, 1577 Ashland Avenue. N. W. Midway 537.

RALPH WILLIAM THACKER, A. B.,
Adjunct Professor of Physical Training.
Residence, 1742 Portland Avenue. N. W. Midway 4394.

MRS. CHARLES W. WILLIAMS, Dean of Women.
Adjunct Professor of Bible.
Residence, 1632 Summit Avenue. N. W. Midway 1087.

WALTER ROBERT RATHKE, A. M.,
Adjunct Professor of French.
Residence, 117 Cambridge Avenue. N. W. Midway 1793.

JAMES EDWARD GILLESPIE, A. M.,
Adjunct Professor of History and Economics.
Residence, 1779 Dayton Avenue. N. W. Midway 1759.

HALLIE CHALFANT, A. M.,
Adjunct Professor of German and Spanish.
Residence, 1636 Hague Avenue. N. W. Midway 6885.

GERTRUDE CRIST,
Instructor in Bookkeeping and Accountancy.
Secretary to Faculty, President and Registrar.
Residence, 1230 Dayton Avenue. N. W. Dale 5906.

FRANCES E. KELLEY, A. B.,
Instructor in English.
Residence, 1113 Fifteenth Avenue S. E., Minneapolis
N. W. East 2427.

EDNA HERMINE MENGER, A. M.,
Lecturer in History of Fine Arts.
Residence, 1346 Grand Avenue. N. W. Midway 4301.

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A. W. Anderson Glenn Clark

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Athletics

R. W. Thacker H. D. Funk

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Grace B. Whitridge J. P. Hall

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H. D. Funk Hallie Chalfant W. R. Rathke

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J. P. Hall W. R. Rathke

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Glenn Clark G. W. Davis F. D. McRae
L. R. Shero J. E. Gillespie

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James Wallace F. G. Axtell G. W. Davis
Grace B. Whitridge

Nominating Committee

G. W. Davis A. W. Anderson R. U. Jones
H. D. Funk Glenn Clark

The President of the College is ex-officio a member of each faculty committee.

Other Officials

T. E. Waddelow	Steward of Euthenian Club
Samuel M. Cookman	Head Engineer
Olaf Christianson	Assistant Engineer Wallace Hall
Jacob Widmere	Assistant Engineer Main Building
A. G. Schoonover	Head Janitor

Macalester Men in Government Service

Alumni, former students and undergraduates in the Army and Navy of the United States.

Wylie Gustave Akenson, '17, Aviation.
William Dewey Amundson, '19, Navy.
Alric Anderson, '20, Ordnance.
Julian Francis Anderson, '18, Marines.
Oscar P. Anderson, ex-'17, Engineers.
Lieutenant Richard Harlow Anderson, '14, Infantry.
Theodore E. Anderson, academy '13, Navy.
Albert Christopher Barbo, ex-'18, Aviation.
George William Barbo, academy '12, Infantry.
John Lennart Beck, '19, Navy.
Leo Emil Beck, '19, Navy.
Remsen Marsh Bell, ex-'13, Navy.
Albert A. Beltmann, ex-'20, Marines.
Willis Bergen, '19, Infantry.
Adalbert Ferdinand Bremicker, ex-'16, Artillery.
Paul Benjamin, Bremicker, '15, Artillery.
Leslie Willis Brown, '19, Ambulance.
Charles S. Bryan, '19, Navy.
Alvin C. Busse, '20, Marines.
Lieutenant John Shiells Campbell, ex-'13, Infantry.
Orville Clifton Cardle, '12, Infantry.
Henry W. Chase, ex-'17, Infantry.
Lieutenant Howard Edward Clark, '14, Infantry.
Myron A. Clark, '90, Y. M. C. A.
Walter Leon Corey, '20, Ambulance.
Lieutenant Gerald Curtis Dale, ex-'15, Infantry.
Ernest Oscar Daley, '21, Aviation.
Lieutenant Solomon David David, '13, Artillery.
Robert McIntyre Douglass, '20, Infantry.
Paul Henry Dunnavan, ex-'17, Ambulance.
Captain Fred I. Eglin, Aviation.
Donald Cornish Elder, ex-'17, Infantry.
Lieutenant Charles K. Elmer, academy '09, Engineers.
John Kenneth Erickson, '18, Aviation.
Harlie C. Evans, ex-'19, Infantry.
James Alfred Ferguson, ex-'17, Engineers.

Captain Ebenezer Thomas Ferry, '03, Artillery.
John Louis Ferry, '18, Canadian Infantry.
Morris Finstad, '20, Navy.
Harvey Robert Fliehr, '20, Navy.
Charles Augustine Flinn, '19, Engineers.
Emanuel Ossian Franklin, '17, Infantry.
George F. Freeman, academy '10, Navy.
Lieutenant Charles Gerlinger, '17, Aviation.
Wallace Graydon Gibson, '17, Marines.
Lieutenant Ray James Goodwin, ex-'20, Infantry.
Ralph Daniel Gracie, ex-'18, Canadian Aviation.
Ingvar Graff, ex-'19, Infantry.
Paul Bennett Greig, ex-'18, Medical Corps.
Ralph Everett Greig, '18, Marines.
Roy Alfred Greig, '18, Marines.
Vergil Homer Guthrie, '16, Y. M. C. A.
Earle Allen Hadley, academy ex-'17, Engineers.
Jesse Collins Hales, '18, Medical Corps.
Wallace Sumner Hall, '19, Infantry.
Harold Frederick Hanson, ex-'17, Engineers.
Willis Blackford Hazelton, '20, Navy.
Guy Lewis Hill, '20, Marines.
Lieutenant Stanley Hurlbut Hodgman, '10, Engineers.
William Henry Wallace Holley, '13, Medical Corps.
LeRoy C. Holm, '19, Navy.
Lewis A. Hughes, '18, Medical Corps.
Arthur Billings Hunt, '11, Y. M. C. A.
Herold Warren Isker, ex-'19, Infantry.
Lieutenant Rohland Andrew Isker, ex-'17, Cavalry.
George Arthur Jensen, '19, Ambulance.
W. Edward Johnson, '19, Navy.
Robert Earl Jones, academy ex-'15, Infantry.
Gordon Lewis Keeley, '16, Engineers.
Fred Joseph Kenny, '16, Infantry.
Adolf Kongelf, '18, Engineers.
William Henry Lagas, ex-'18, Infantry.
Lieutenant Robert Laird, '18, Infantry.
Robert George Larson, '20, Ambulance.
Carl R. Leaf, ex-'17, Ordnance.
Jack Blythin LeClaire, ex-'17, Ambulance.

William H. Lee, '19, Infantry.
Therian Cecil Lemon, academy ex-'14, Infantry.
Lawrence Joseph Leonard, '20, Medical Corps.
John Arthur Lewis, '17, Infantry.
Captain Hadley Henry Lidstrom, '19.
David Nathaniel Ling, '16, Aviation.
Harold Long, ex-'18, Infantry.
Lauron Harmon Lovelace, '18, Aviation.
William Southwell McAllister, '20, Marines.
Edward Everett McCabe, '14, Aviation.
Andrew McGinley, academy ex-'15, Engineers.
William Gordon McLean, '19, Ambulance.
Wendell Scott McRae, ex-'18, Marines.
John W. Maddex, '20, Infantry.
Sidney G. Mason, '19, Ambulance.
Paul Matson, ex-'18, Infantry.
Clifford Harvey Medcalf, '20, Navy.
Charles Burdick Mills, Jr., ex-'18, Infantry.
James George Novack, '20, Infantry.
Norman Eugene Nygaard, '19, Ambulance.
Harold A. Overholt, ex-'19, Infantry.
Amos David Owen, '19, Marines.
Chauncey Van Bergen Pierpont, ex-'19, Infantry.
Llewellyn Demi Porter, ex-'15, Navy.
Lieutenant John Percy Pringle, academy '05, Canadian Infantry.
Killed in action, 1916.
Earl DeWitt Prudden, ex-'17, Ordnance.
Richard Fillmore Pulver, '20, Navy.
Carlton Edmund Ralph, '17, Artillery.
Harold Percy Roberts, '14, Infantry.
Stanley Hall Roberts, '08, Chaplain.
Alexander Whyte Robertson, '18, Marines.
Lieutenant Allen John Robertson, '17, Artillery.
Allen A. Rock, '20, Navy.
Roy Anthony Ronan, '20, Artillery.
Irving John Roth, '17, Aviation.
Lieutenant Plato Earl Sargent, '15, Infantry.
Lieutenant Russell W. Sayre, ex-'18, Artillery.
Lieutenant William Ellison Scott, '12, Infantry.

John Lyman Sheean, '16, Medical Corps.
Harry Stone Slater, '19, Navy.
Henry A. Stock, Medical Corps.
Milton Francis Sturtevant, '18, Marines.
Lieutenant Fay Lex Taylor, ex-'17, Infantry.
Fremont David Taylor, '17, Artillery.
George Arthur Taylor, '19, Marines.
Lieutenant Smith Taylor, ex-'15, Infantry.
Charles Albert Thomas, '14, Signal Corps.
David A. Thompson, '00, Y. M. C. A.
Thomas Douglas Turnbull, '18, Engineers.
Ralph Downs Tyler, ex-'19.
Paul R. Updyke, '19, Marines.
Charence J. Vokoun, ex-'15, Infantry.
Thomas Edward Waddelow, '18, Hospital Corps.
Fred C. Wagner, '20, Marines.
William Roy DeWitt Wallace, ex-'11, Infantry.
David Percy Wasgatt, ex-'19, Hospital Corps.
J. Adams Wasgatt, '20, Marines.
Lieutenant Fred Augustus Waterous, academy ex-'15, Signal Corps.
Arthur Louis Whiton, '18, Aviation.
Lieutenant Trevor G. Williams, ex-'15, Aviation.
Lieutenant Clarence Charles Willmert, '17, Artillery.
Lieutenant Ralph Calvin Wilson, '12, Infantry.
Clinton L. Winchester, ex-'19, Infantry.
Lieutenant George Fred Ziesemer, ex-'17, Aviation.

This list is not complete but embraces the names on record in the office of the Registrar.

College Addresses

1917

Feb. 13-20. Series of ten lectures by Dr. C. M. McAfee of McCormick Seminary, Chicago.

May 16. Miss Mary Rankin of Sneedville, Tenn.

May 23. Rev. Charles Birch.

May 28. Miss Fanny Simpson of the National League for Woman's Service.

May 30. Rev. Charlie Morris of Norfolk, Va., "The Black Man."

June 10. Baccalaureate Sermon. Rev. T. Ross Paden of Mankato, Minn.

June 11. Commencement Address, Rev. Charles Frederick Wishart, D. D., of Chicago.

Nov. 7. Rev. J. M. Walters, D. D., First Methodist Church St. Paul.

Nov. 8. Rev. Benjamin Bunn Royer, Merriam Park Presbyterian Church, St. Paul.

Nov. 13. Monsieur Marcel Knecht, Director of French Bureau of Information in America.

M. Marcel Souris, Chaplain in French Service.

Nov. 20. Mr. Hammondtree of St. John's Church, St. Paul.

1918

Jan. 8. Rev. T. W. Graham, Andrew Presbyterian Church, Minneapolis, Minn.

Jan. 8. Rev. Ambrose M. Bailey, First Baptist Church, St. Paul.

Jan. 10. Rev. Charles W. Burns, Hennepin Avenue Methodist Church, Minneapolis, Minn.

Jan. 15. Dr. J. A. Marquis, Coe College, Cedar Rapids, Iowa.

Jan. 24. Rev. J. M. Walters, D. D., First Methodist Church, St. Paul.

Feb. 11-15. Series of lectures by Dr. Charles R. Adams, Champaign, Ill.

Feb. 12. Corporal R. F. Suffling, United States Army.

Feb. 26. Dr. John Grier Hibben, Princeton University, Princeton, N. J.

General Information

Historical Sketch

Macalester College is the outgrowth of the Baldwin School of St. Paul, projected by Rev. Edward D. Neill, D. D., as far back as 1853; and of a similar institution opened in 1873 by the same gentleman in Minneapolis. In 1874 Charles Macalester, of Philadelphia, donated to this school the valuable property known as the Winslow House, near the Falls of St. Anthony, with the understanding that as soon as possible it should be developed into a college. In his honor the institution was named Macalester College. Until 1880 it was an undenominational school. In October of that year it was adopted by the Synod of the Presbyterian Church of Minnesota. In 1883 a syndicate of the trustees bought the present site and gave it to the Board of Trustees. The first building thereon was erected in 1884 and the college was opened September 15, 1885.

Rev. Dr. Neill, the founder of the college, was the first territorial superintendent of public instruction and the first chancellor of the State University. He is the author of Neill's History of Minnesota, and also of valuable monographs on colonial history. He died September 26, 1893.

From the beginning Macalester College was burdened with debt, and altho, under the leadership of President James Wallace and Rev. David C. Platter, financial secretary, this debt was considerably reduced, yet, on account of the hard times of the nineties, it had, by June, 1898, risen to $180,000. With the energetic assistance of Robert A. Kirk, Thomas Shaw and Rufus C. Jefferson, the board was reorganized, the debt liquidated, and efforts for a permanent endowment begun.

Dr. James Wallace resigned the presidency June, 1906, and in January, 1907, Thomas Morey Hodgman, A. M., professor in the University of Nebraska, was elected president. On July 1, 1911, the trustees certified that a total of $467,000 had been given; that of this total $307,000 was invested in endowment securities and $160,000 in Wallace Hall and Carnegie Science Hall.

GENERAL VIEW OF COLLEGE BUILDINGS

Men's Dormitory | Main Hall | Science Hall

Macalester College celebrated its quarter centennial June, 1910, with impressive ceremonies. By direction of the Board of Trustees, and at the expense of the college, a History of Macalester College was published by Professor H. D. Funk.

The Trustees on June 9, 1914, completed a second endowment campaign for $250,000. Payments of pledges were completed by July 1, 1916. The college resources now total $970,000.

In accordance with the plan, adopted by the Board of Trustees, at the annual meeting in June, 1913, to discontinue the activities of a preparatory department, Baldwin School went out of existence in 1916.

Macalester College opened as a school for men only, but in September, 1893, the Trustees made the institution coeducational.

Macalester's most pressing needs are a gymnasium for men, a central heating and power plant, a library building, a chapel, and endowment adequate to support a modern college.

Presidents of Macalester College

Rev. Edward Duffield Neill,* D. D., 1873-1884.
Rev. Thomas A. McCurdy,* D. D., 1884-1890.
Rev. David James Burrell, D. D., 1890-1891.
Rev. Adam Weir Ringland, D. D., 1892-1894.
Prof. James Wallace, Ph. D.,
Acting President, 1894-1900; President 1900-1906.
Prof. Thomas Morey Hodgman, M. A., LL. D., February, 1907-1917.
Rev. Elmer Allen Bess, D. D., 1917—.

Form of Bequest

The corporate name of the institution is Trustees of Macalester College.

Legal Form of Bequest.—I give and bequeath to the Trustees of Macalester College of St. Paul, Minnesota, duly incorporated under the laws of Minnesota, the sum of .....dollars.

Location

Macalester College is located in Macalester Park, St. Paul, a beautiful suburb in the so-called Midway district. The location is favorable for study, for the development of a pure and wholesome college life, and for careful supervision of the conduct of students.

*Deceased

Easy access to the Twin Cities is afforded by the Grand Avenue and Snelling Avenue electric lines—the latter of which connects with all four interurban lines. This combination of college and city life is a unique advantage to Macalester students. The cultural opportunities which the public libraries, churches, lecture courses and musical entertainments of these cities offer, are important and react most beneficially upon both faculty and students.

Campus

The campus contains forty acres with a frontage of six hundred and sixty feet on Summit Avenue, a fine boulevard two hundred feet in width, which connects the Twin Cities. The College buildings, seven in number, are situated on the north half of the campus, while the ample athletic field, grove of oaks and ice skating rink occupy the southern half.

Buildings and Equipment

The Main Building is of brick, one hundred feet long and fifty feet wide, three stories high with basement, and contains class rooms, society halls, men's gymnasium, library, auditorium and executive office. The building is heated by steam and provided with its own electric light plant.

The Carnegie Science Hall, the gift of Mr. Andrew Carnegie, is a three-story building with a full height basement. It is essentially fireproof, being constructed of reinforced concrete and brick. The exterior is of colonial brick with trimmings of Bedford limestone. The floors are of maple over reinforced concrete except those of the halls which are of cement with terrazzo borders. The interior finish and furniture are of birch. The basement contains a wood shop and a metal shop for applied mechanics. The first floor is devoted to physics and mineralogy; the second to biology, mathematics and astronomy; and the third to chemistry. The entire building is electrically lighted and steam heated. Ventilation is of the most approved type. Pure air passes into the basement over steam coils and is driven thru the building by electric fans. In the attic another fan draws out the foul air. Electrical connections are provided in all of the lecture rooms for both direct and alternating currents for projection as well as for general demonstrations and lectures. Light is abundant and well directed. For its size and purpose this building has no superior.

Museum.—In the Science Hall is the Museum, small at present, but growing. The Lewis Collection of Indian relics is rare and valuable, as is also the Educational Collection of marine invertebrates and fishes contributed by the Smithsonian Institution, Washington, D. C. Friends are invited to keep in mind the importance of a museum in educational work.

The Men's Dormitory is a three-story brick building, ninety feet long by thirty-eight feet wide. The second and third floors contain twenty double rooms designed to accommodate two students each. This hall is for men exclusively. The building is heated by steam and lighted by electricity.

Wallace Hall, situated at the corner of Summit and Macalester Avenues, one block from the main campus, is the dormitory for women, accommodating eighty students. This is a thoroly modern fire-proof building, one of the finest dormitories to be found among the colleges of the United States. The building stands on high ground and the students' rooms are so arranged that each is sunny and airy. Besides the rooms for the young women, there are three large beautifully furnished parlors, a sunny dining room seating one hundred, a well appointed gymnasium in which all of the classes in physical training for the women of the entire college are held; and the music rooms, where the Conservatory of Music meets its students. The building is steam heated and electric lighted, has hot and cold water in every room, and is equipped with shower and tub bath facilities.

Nothing has been spared to make at Wallace Hall a congenial and refined environment for the comfort and development of young women.

Drawing of rooms by upper class women occurs in the spring and freshman rooms are assigned in the order of application.

The hall government is organized under the name of the Woman's Self-Government Association of Wallace Hall, which in conjunction with the Dean of Women regulates the life of the Hall, in conformity to the customs and ideals for which the policy of Macalester College calls.

Miss Alice M. Clough presides here as House Director, and the Dean of Women, Mrs. Charles W. Williams, has her residence at Wallace Hall.

Euthenian Hall, 104 Snelling Avenue, S., is a residence leased by a club of men and has dining room facilities for twenty-five.

Rice Hall, named in memory of Rev. Daniel Rice, D. D., a former professor and trustee, is a frame building facing the campus, used as a practice hall by the School of Music. It contains sixteen rooms, heated by steam and lighted by gas.

Heat, Light and Power Plant.—A central plant containing two boilers, an engine and a dynamo, supplies the Main Building, the Men's Dormitory and the Science Hall with steam heat, electric light and power.

Shaw Field.—Provision for the encouragement and development of outdoor athletics has been made by the construction of the Thomas Shaw Athletic Field. This contains four acres of the campus lying directly south of the main building and is enclosed by an iron fence. A quarter-mile track, twelve feet wide, with turns on a hundred-foot radius, is one of the important features of the field. This track is on a dead level and has a foundation of coarse cinders five inches deep, on top of which is a layer of fine surfacing cinders two inches deep. The part of the field enclosed by the track is laid out as a football and baseball field and also provides room for an outdoor basketball field. The whole area within the track is perfectly level and, with the exception of the diamond, is seeded down with a special mixture of lawn grass seed which will stand the rough usage athletic fields naturally receive.

The track in front of the bleachers has straight extensions at the corners which provide a straightaway track for all the short races, while just inside the curb the proper settings are provided for the pole vault, the running broad jump and the discus throw.

A community toboggan slide, at the south end of the field, was built and presented by residents of Macalester Park.

Shaw field, which was dedicated at the opening of the school year in 1909, was named in honor of Professor Thomas Shaw, President of the Board of Trustees, on account of his interest and assistance in the athletics of the institution.

Library Privileges of Macalester Students

The Macalester College Library ranks first among the small colleges of the Twin Cities in number of volumes and historic value.

It contains 15,647 volumes, including the Neill collection of Americana and sixteenth and seventeenth century classics and theology.

The St. Paul Public Library contains 140,000 volumes, for the most part recent publications or recent editions of older works. It is located within fifteen minutes street car ride on a direct line from Macalester College, and all of its privileges are open to Macalester students. Books are ordered at the request of the faculty and may be loaned to the college indefinitely upon request.

The J. J. Hill Reference Library, just opened, is located in the same square as the Public Library. This Library will in time be the greatest reference library in the Northwest.

The Minnesota Historical Society Library has about 125,000 books and pamphlets dealing with American local history. It contains a complete collection of works pertaining to Minnesota state history, extensive collections relating to the history of the Northwest and Canada, a genealogical collection which is believed to be the largest in the West, and everything available relating to the Scandinavian elements in America. This library is located opposite the State Capitol.

Other libraries, to which students have access, are the Minneapolis Public Library which specializes in English local history and art, the State Law Library, the Board of Control, Tax Commission and Labor Commission.

Library

The Edward D. Neill Library contains about 14,500 volumes. The working collection, about 10,000 volumes, is located on the third floor of the Main Building; less used books are on other floors. For greater security the Neill collection has been placed in the museum room in Science Hall; in this building also are department collections.

The Neill collection, consisting for the most part of books presented by Dr. Neill or acquired during his librarianship, contains Americana and some sixteenth and seventeenth century editions in theology and the classics; there are fifteen hundred volumes and a valuable collection of autograph letters.

The Dewey system of classification is used.

For maintenance of the library there is set apart each semester two dollars and fifty cents of each tuition fee.

Henry L. Moss, a trustee of the college until his death in 1902, and his wife Amanda H. Moss, who died in 1910, bequeathed to the

College property which has added about $7,500 to the endowment and produces for the Library $450.

The Library is open as follows: Monday to Friday, from eight until five o'clock; Saturday, from eight to twelve, and one-thirty to five o'clock; holidays, nine to twelve, and one-thirty to five o'clock.

Easily accessible for reference are the large collections of the St. Paul Public Library, the State Law Library and the Minnesota Historical Society Library. Circulation privileges in the first-named are enjoyed by Macalester students. The Minneapolis Public Library and the Library of the University of Minnesota are occasionally consulted.

The following periodicals are on file in the Library or in the department libraries:

Advocate of Peace.
American Economic Review.
American Historical Review.
American Journal of Sociology.
American Mathematical Monthly.
American Naturalist.
American Political Science Review.
Annals of the American Academy of Political and Social Science.
Assembly Herald.
Association Men.
Atlantic Monthly.
The Bellman.
Bible Champion.
Bible Society Record.
Biblical Review.
Bookman.
Bulletin of the Pan American Union.
Century Magazine.
Chemical Abstracts.
Christian Endeavor World.
Classical Journal.
Classical Philology.
Contemporary Review.
Continent.
Country Life in America.
Crisis.
Current History Magazine.
Current Opinion.
Dial.
Education.
Educational Review.
English Journal.
Etude.
Expository Times.
Forum.
Gregg Writer.
Harper's Magazine.
Herald and Presbyter.
Hibbert Journal.
History Teacher's Magazine.
Home Mission Monthly.
House Beautiful.
Independent.
Industrial Arts Magazine.
International Review of Missions.
Journal of American Chemical Society.
Journal of Geology.
Journal of Industrial Chemistry.
Journal of Political Economy.
Literary Digest.
Living Age.
London, Edinburgh and Dublin Philosophical Magazine.
Manual Training Magazine.
Metallurgical and Chemical Journal.
Missionary Review of the World.
Mississippi Valley Historical Review.
Modern Language Journal.
Musician.
Musical Quarterly.
Nation.
National Geographic Magazine.
New Republic.
New York Times.
North American Review.
Outlook.
Philippine Presbyterian.
Physical Review.
Political Science Quarterly.
Popular Astronomy.
Popular Mechanics.
Proceedings of the Academy of Political Science in the City of New York.
Progress.
Protestant Review.
Psychological Bulletin.
Psychological Review.
Publications of the Modern Language Association of America.
Quarterly Journal of Economics.
Range News.
Reader's Guide to Periodical Literature.
Record of Christian Work.
Religious Education.
Review of Reviews.

St. Paul Pioneer Press.
School and Society.
School Review.
Science.
Scientific American.
Scientific American Supplement.
Scientific Monthly.
Scribner's Magazine.
Sunday School Times.
Survey.
Teachers' College Record.
Unpopular Review.
Woman Citizen.
Woman's Work.
World's Work.
Yale Alumni Weekly.
Yale Review.

Administration

In the administration of the college, appeal is made to the self-respect and honor of the students. They are constantly encouraged to guard well their honor and that of the institution, and to maintain a wholesome esprit de corps.

Some regulations, however, are necessary, and when students matriculate it is understood that they thereby submit themselves to the government of the college and pledge themselves to support the same while they are members of the institution. They are expected, and, by virtue of their matriculation as students of the institution, are understood to obligate themselves to act as ladies and gentlemen, to be faithful in attendance upon recitations, examinations, daily morning prayers, and Sunday morning service, and to be diligent in preparation of all tasks assigned.

Parents and prospective students should note that no fraternities are permitted, no smoking on the campus or in any of the college buildings by faculty, employees or students and no dancing engaged in by both men and women at any college function. It is from no Puritanic attitude nor from any desire to be peculiar that the college makes these prohibitions. They are enforced rigidly because scholarship and the best interests of the student body are subserved thereby.

Students whose influence is found to be hurtful, even though guilty of no serious breaches of order, will not be retained in the institution.

The dormitories are organized on the self-government plan under adequate faculty cooperation. A Student Council, composed of student and faculty representatives, voices student opinion and cultivates student self-control.

Registration

Students are required to register by the beginning of each semester. In case of delay in registration beyond the registration days indicated in the college calendar, a fine of one dollar will be imposed for the first day and fifty cents for each subsequent day.

No excuses will be granted for late registration. Students may register by mail on deposit of tuition fee.

No student is permitted to register after the fourth Monday of the semester.

Students registering later than the second Monday of the semester are required to secure permission from the heads of the departments in their respective courses.

The matter of excess registration is to be referred to the three deans.

The student who has failed in more than half the work of the first semester, counted by hours, may not register for the second semester.

The prospective student will facilitate registration by procuring from the college an application blank on which his principal or superintendent should fill in the student's credits. This blank should be mailed by the proper school authority to the Registrar by the first of September.

Examinations and Reports

Examinations are held at the close of each semester. A record is kept of each student's grades, a copy of which is sent to the parent or guardian at the close of each semester.

Students who secure a passing mark in a course are graded as follows: A, B, C or D, which mean excellent, good, fair and poor, respectively. Students who do not reach a passing mark are graded as follows: Con, I or F. Con, meaning condition, implies that the student has failed in the final examination and that the deficiency may be removed by his passing in a second examination to be given later. I means that the mark is withheld by the instructor because the work required has not been completed. F means failure in term grade. In cases of failure, students may secure credit only by repeating the course entire.

For private and condition examinations a fee of fifty cents shall be paid for each examination to the Secretary of the Faculty, who shall thereupon issue a permit. Private examinations will be authorized by the faculty only, and for the most urgent reasons stated in writing.

Examinations for removal of conditions will be held on the second Monday after the first Wednesday of each semester at 2:20 p. m. Attendance upon these examinations is obligatory.

Degrees

Graduates from the liberal arts course receive the degree of Bachelor of Arts, those from the science course the degree of Bachelor of Science. The degree of Bachelor of Music is granted to students who fulfill the requirements for such degree in the Conservatory of Music.

No student shall be entitled to graduate who shall not have been attending the college at least one year.

Fellowships

The Board of Trustees has offered a limited number of fellowships open to graduates of other approved colleges and carrying a yearly stipend of $300. The holders are required to devote one-half of their time to assistance in the department offering the fellowship and the other half to graduate study in the University of Minnesota.

Prizes and Scholarships

Noyes Prize.—Mrs. D. R. Noyes has given $2,000, the interest on which is used as prizes for student scholarship. Last year the senior prize was awarded to Evelyn Page, the junior to Esther Jerabek and the sophomore to Amy Le Vesconte.

Stringer Prize.—In honor of the memory of Mr. E. C. Stringer, the college is able to offer an annual prize of twenty-five dollars, to be given to that student of the college, who, having not fewer than fourteen recitations a week, takes the first place in the preliminary oratorical contest, and represents the college in the state contest. Awarded last year to W. A. Lienke and Charles Gerlinger.

Debate Prize.—Mr. Walter L. Mayo, of St. Paul, offers a prize of thirty dollars, to be distributed to the six students who win positions on the state intercollegiate teams. The winners last year were, Charles Gerlinger, W. A. Lienke, F. O. Holmes, O. L. Black, G. A. Jensen and N. E. Nygaard.

Macalester-Hamline Senior Prize in Oratory.—One hundred dollars in prizes is distributed among the winning contestants in an annual dual oratorical contest between the senior classes of Hamline and Macalester College. The first prize consists of fifty dollars, the second of twenty-five dollars and the third of ten dollars and three, of five dollars each.

Temperance Oratorical Prize.—Each year twenty-five dollars is given by The Board of Temperance to be divided in prizes of fifteen and ten dollars for the best orations on some phase of the temperance question won last year by N. E. Nygaard.

Shaw Scholarship.—Given by Professor Thomas Shaw, of St. Paul, to the nominee of the Central Presbyterian Church, of St. Paul, yielding $50 per annum. Awarded this year to Ethel Fletcher.

Silliman Scholarship.—Offered by Mr. H. B. Silliman, of Cohoes, N. Y., and yielding $50 per annum. Awarded this year to Erling Eriksen.

Williams Brothers Scholarship.—Louis H. and Charles R. Williams, of Minneapolis, have given $1,000, the income from which is for the aid of a student selected by the faculty. Held this year by Hulda Hanson.

Webb Scholarship.—Mr. E. A. Webb, deceased, gave $1,000, the interest of which is to aid a candidate from the Central Presbyterian Church, St. Paul. Held this year by Florence Johnson.

Winona Scholarship.—The First Presbyterian Church has given $1,000, the interest of which is to aid a candidate nominated by this church. Held this year by T. E. Waddelow.

Biology Scholarship.—Dr. Archibald MacLaren, of St. Paul, contributes $50 to aid a student in the department of biology, to be selected by the head of this department.

New England Scholarship.—The St. Paul Colony of New England women gives this year $60 to a young woman of New England parentage. Held this year by Clara Robinson.

Scott Scholarship.—Mr. William H. Scott, of Philadelphia, gives $60 for a scholarship awarded by the faculty. Held this year by Chester M. Tobin.

Paul Scholarship.—Mr. J. Rodman Paul, of Philadelphia, gives $60 annually for a scholarship awarded by the faculty. Held this year by Myrtle Steen.

McLain Journalism Scholarship.—Mr. J. S. McLain offers a prize of $50 for the encouragement of high class English work on the Mac Weekly. Awarded this year to Irving Roth.

Ministerial Scholarships.—Given by Board of Education of the Presbyterian Church to candidates for its ministry.

Honorary Scholarships of $50 each are offered to the first ranking student among the young men and also among the young women in each graduating class of an accredited four-year high school, provided that the superintendent certifies that such students are of honor grade.

Rhodes Scholarships.—"In order to keep this well known bequest before the minds of present or prospective students it is briefly mentioned. Circulars of full information can be obtained at the president's office. Any male student who is a citizen of the United States, unmarried, not less than nineteen nor more than twenty-four years of age and who has reached the end of his sophomore year of study, may be a candidate for one of the Minnesota scholarships. This insures to the winning contestants a three years' residence in Oxford University, England."

Loan Fund.—A loan fund of one thousand dollars has been completed by the Faculty Women's Club. This fund is now being used as a loan for short periods, without interest, preferably, to junior and senior women students.

Student Activities

The Y. M. C. A. has a membership of about seventy students. It holds its regular meeting every Tuesday morning and evening. A committee of the association is present at the college two or three days before the opening of the first semester to assist the new students. The president of this association is Victor A. Heed.

The Y.W. C. A. has this year a membership of about seventy-five. Its regular meeting is held every Tuesday morning. There is also a flourishing mission-study class. The president of the association is Alice Hough.

Literary Societies.—In the college there are five literary societies under the general oversight of the faculty. The Hyperion society admits to membership both men and women; the Athenaean and Eulogian societies admit men, and the Clionian and Philotian societies, women.

In the Music School, the Euterpean society is open to music students.

No literary society or other student organization may be established without the consent of the faculty.

Debate and Oratory.—All matters pertaining to debate and oratory are under the charge of the Forensic Board. This Board is composed of one representative from each literary society, one from each class and three representatives from the faculty.

The college takes part in four intercollegiate oratorical contests. Of these, three are state contests: the State Intercollegiate, the State Temperance and the State Peace Oratorical Contests. The other is the Hamline-Macalester Senior Oratorical Contest. A preliminary home contest is held for each of these contests, making four home contests, for which suitable prizes are offered. Macalester's representative this year in the State Intercollegiate, was Walter R. Nelson.

This year Macalester College meets in debate the University of Minnesota Farm School, being represented by the members of the freshman and sophomore debating teams.

Interscholastic Forensic Competition.—Macalester College has taken a great interest in developing a more natural, effective manner of public speaking among the high schools of the state. To further that end it has organized the State High School Discussion League which is now starting on its fourth year, and the State High School League in Extemporaneous Speaking which is starting on its second year. The state has been organized into districts and the winners of the district contests come to Macalester the third week in February where the state contests are held. Macalester College furnishes medals for the winners of district and state contests and shields for the winning schools. In 1918 the prizes were given as follows: Discussion Contest—Markus Rabinowitz of Eveleth; Extemporaneous Speaking—Jennie Wall of Chisholm.

A circular containing detailed statement of the plan and rules of the contests can be obtained by addressing Professor Glenn Clark, Macalester College.

College Band.—C. M. Wenzel, leader.

College Glee Club.—J. P. Hall, leader.

The M Club is an organization founded principally to keep those who have won the letter in touch with each other and to foster athletics.

The club was organized Dec. 9, 1913. When a Macalester student has earned an M he becomes a member on payment of one dollar initiation fee. No annual dues are paid while the student is in school.

Meetings are held about once a month when dinner is served and toasts are given by faculty members, alumni and coaches.

During the business meeting which follows, questions concerning athletics are brought up. The club does everything in its power, in keeping with the spirit of the school, to promote athletics and attract students from the surrounding territory.

Anyone who desires information concerning the college may write to the officers mentioned below, or to any M man whom he knows and the information will be given.

President, D. S. Doty, 109 North Snelling Ave., St. Paul.

Secretary and Treasurer, R. E. Greig, Macalester College, St. Paul.

The Honor Scholarship Society

The society was organized in 1914 with twenty charter members. The aim of the society is to stimulate scholarship and intellectual interests in the college. It regards scholarship, intellectual leadership, originality and character as the requisites for eligibility to membership.

The society is now composed of fourteen active members. New members are elected by the faculty at the beginning of October in each year. The eligible list for new members is composed of students having an average standing of at least B and having a standing in college of at least sophomore without condition. Half of the new members selected from this list are chosen on the basis of scholarship as shown by the registrar's records. The remainder are chosen from this list by ballot of the faculty. After these are chosen, a new list may be made, including students not otherwise eligible, by a three-fourths' vote of the faculty, and from this list not to exceed two more may be elected by ballot. At the close of the school year the faculty may add to the membership of the society members of the graduating class who have exceptionally fine records through their senior year.

At graduation, active members become graduate members of the society, and are entitled to all its privileges except voting. Members of the faculty are honorary members of the society. There are at the present time twenty-eight graduate members.

The society has an active member's pin of silver, which is presented to each new member at the recognition exercises when he enters the society, and a graduate member's pin of gold, which is presented to graduating members at, or just preceding, the commencement.

The officers of the society are: President, Frank O. Holmes; Vice-President, Miriam W. Wallace; Secretary, Charlotte Hawley.

The Executive Committee of the Society is composed of the officers named above with Professors Anderson and Clark.

The list of active members is as follows:

Donald Leslie Augustine
Ella Isabelle Clapp
Walfred Danielson
Estelle Hammerlun
Charlotte Hawley
Victor A. Heed
Frank Orville Holmes
Esther Jerabek
Merle Constance Johnson
Ernst Gustav Norstrom
Gladys Harriett Reutiman
Myrtle Dorothy Steen
Helen Strachan
Miriam Winifred Wallace

Religious Life and Exercises

Macalester was founded as a Christian college. The atmosphere of the college has always been warmly religious. The Young Men's and Young Women's Christian Associations are large and active. The city offers much opportunity for religious work. In keeping with the purpose of the founders of the college the faculty makes the following requirements:—(1) all students registering for more than five hours a week in college studies are required to include the equivalent of at least one hour a week of Bible study for the year; (2) attendance at the daily chapel exercises of the college at ten o'clock in the morning is required of all college students without exception; (3) attendance at Sunday morning church services is expected of all students and required of all who are not living at home with their parents. Presbyterian students, not living at home, are expected to attend the Macalester Presbyterian Church. Students connected with other churches either by membership or sympathies are excused to attend the church of their preference.

The Macalester Church has initiated a system of affiliated memberships, by which the student who wishes may retain his membership with his home church while at the same time coming into such relation with the local church at the college that he may feel that he has here a church home and center for his religious life. Students are urged to take advantage of this offered affiliation.

Physical Training and Athletics

Athletics and careful physical training are required, and three dollars of the tuition fee for each semester are set apart for the sup-

port of athletics. Students are thereby entitled to admittance to all athletic contests at Macalester and to the use of the gymnasium, toboggan slide and skating rink. The athletic field is enclosed, and contains about four acres. There are a number of lawn tennis courts. A large skating rink has been provided in the midst of the oak grove at the south of the campus, and has been very popular. Trained coaches are provided for field sports.

A course in personal hygiene is required of all freshmen. On completion of two years' physical training one credit is given for this course.

Classes in physical training are conducted for young women in the gymnasium of Wallace Hall. Attendance is required of freshmen.

Teachers' Bureau

The college maintains a reliable teachers' bureau as a means of communication between graduates and superintendents and school boards desiring competent teachers. Graduates will not be recommended to positions for which they do not give good evidence of fitness. This service is given without charge. Those desiring to make inquiry in regard to teachers should address The Teachers' Bureau, Macalester College, St. Paul, Minnesota.

Vocation Bureau

A vocation bureau assists graduates to obtain positions in the various callings for which they have been trained.

Publications

The following publications are issued from the college:—

The Macalester College Bulletin, a quarterly devoted to the advertisement and advancement of the institution.

The Mac, a triennial publication devoted to college interests, published by the college students.

The Macalester Weekly, a student publication established in 1914. It gives expression to student opinion upon matters of college life, and gives complete accounts of all college events. The editor-in-chief is Frank O. Holmes.

The Gateway, a literary magazine published by the members of the English composition classes.

Expenses

Students' fees are paid at the beginning of each semester, before completion of registration and strictly in advance, as follows:—

Tuition, regular student	$37.50
Special student (not more than eight hours)	20.00
Special student (not more than five hours)	12.00

One dollar of the tuition for the first semester is applied on the salary of special coaches.

Special fees—

Biology	$1.50 or 3.00
*Chemistry	5.00
Physics	3.00
Geology	1.00
Applied Mechanics	4.00
Homemaking	1.00
Mechanical Drawing	.50
English, 1, 2, 3	.50
Locker, annual fee	1.00
Diploma	5.00
Men's guarantee fee	1.00

*This is a deposit fund. The actual fee charged will be based upon the cost of material.

No deductions are made except for sickness lasting a month or more.

Credits are withheld until all obligations are met.

From tuition fees the trustees, on recommendation of the faculty and students, appropriate the following amounts: athletics, $3; library, $2.50; band, orchestra, debate and oratory, 50 cents; "The Mac," 50 cents; "Mac Weekly," 75 cents.

Refunding Tuition.—If a student leaves the institution at any time after entrance without the approval of the faculty or because he has been suspended or dismissed, no money is refunded. Those withdrawing for other reasons, on or before the middle of a semester, will be allowed an equitable percentage on tuition paid.

Special Rates

1. Sons and daughters of ministers of any denomination are allowed a rebate of eight dollars each semester on tuition.

2. All candidates for the ministry, of whatever church or denomination, are allowed a rebate of eight dollars each semester on tuition upon the following conditions:—

(1) Candidates for the Presbyterian ministry shall be under the care of presbyteries, and shall present to the treasurer certifi-

cations to this fact from the clerks of the presbyteries. Candidates for the ministry of other denominations shall have their purpose to enter the ministry properly certified to by the proper ecclesiastical authorities.

(2) All such students will be held in honor bound to refund to the college treasury the amount of tuition rebated, in the event of their abandoning their purpose to enter the ministry.

The above concession, tho made at a great sacrifice to the college, is offered cheerfully, with the purpose of enhancing, as far as possible, the usefulness of the college. It is, however, justly expected of those who are thus helped that they will be faithful in promoting, as far as possible, the welfare of the institution and that they will complete their course of study at this institution.

3. When more than one person from the same family attend college at the same time a rebate of $4 on tuition fee will be allowed to each person after the first. This rule does not apply to those receiving other privileges or rebates.

Rooms and Board

Room rents for all college buildings and board at Wallace Hall are to be paid in advance each month of twenty-eight days.

Wallace Hall for Women

Board per week, each person	$4.50
Room rent per week, each person	$1.50 to 2.00

The trustees reserve the right, in view of possible fluctuations in cost of supplies, at the end of the first semester to raise or lower the charge for board.

Men's Dormitory

Room rent per week—corner rooms, with care	$1.25
Room rent per week—inner rooms, with care	1.00
For each person.	

All rooms have two occupants and the rentals include light and heat.
Men students board at Edwards and Euthenian clubs, or in private families. Board costs on an average fifty cents a day or $3.50 to $4.00 a week. Rooms in private families per month, $6.00 and up.

Occupants of dormitory rooms are held responsible for their rooms for the semester unless obliged to withdraw from college.

Each student in the college dormitories is required to deposit $2.50 (including deposit for key) as a guarantee against damage to college property, and to make it up to that amount at the opening of each semester thereafter. From this fund are deducted (1) charges for damage for which he is personally responsible; (2) charges

(pro rata) for damage done in dormitories by unknown hands. The surplus, if any, is refunded to the students at the end of the year, or when they leave the dormitory.

Rooms

(1) **Furniture.**—All rooms in men's dormitories are furnished with bedsteads (two-thirds size), mattresses, pillows, dresser stand, bowl and pitcher, study table, book shelves and three chairs. The toilet room lavatory is supplied with hot and cold water. Students in the dormitories must provide their own bed clothing, towels, and carpets or rugs. A woman is employed to keep these rooms in order. In Wallace Hall there are single iron beds, mattresses, pillows, dresser, study table, two rockers, two study chairs, a lavatory with hot and cold water, steam heat and electricity. Floors are of hardwood.

(2) **Application.**—Application for room in the dormitories should be made as early as convenient to the President. Reservation in Wallace Hall is $3; in men's dormitory, $1. This applies on first month's rent. Rooms will not be held later than the opening of the term unless the room rent is advanced for the period of delay. In case applicants fail to come, the money advanced will not be returned. Rooms will be assigned in the order of application.

No deduction is made for vacations during school year. Students are charged for their rooms till they are formally vacated—whether continuously occupied or not—and keys surrendered.

Each dormitory tenant is held responsible for the rent for the entire semester. A student may shift this responsibility by securing a new tenant not occupying dormitory quarters, but is relieved from the obligation only on withdrawal from the college for good reasons.

Students working for the college will have all bills due the college deducted from the amount due them before being paid for work performed.

Students who are in arrears at the end of any semester will be refused credits for the semester's work until all bills incurred by them have been paid; also future registration will be denied and no class work allowed until settlement satisfactory to the treasurer has been made.

Self-Support

Students desiring to do something toward defraying their own expenses can usually find some way of doing so. Many find

work on Saturdays, in stores and other places of business, and have thus paid a large part of the expense of their board. Others have earned their board by working mornings and evenings. It is seldom that any worthy, capable student with energy and tact fails to find some means by which he may work his way thru college, provided the summer vacation is improved to increase his income.

The Y. M. C. A. employment bureau has been organized to assist students in finding work. There are opportunities for work in stores and offices, caring for furnaces, waiting in clubs and carrying newspapers, and in many other ways dependent upon the student's fitness. Valuable suggestions as to employment and the financial side of college life are gladly furnished to prospective students on application and every effort to assist the new-comer is cheerfully made. Address all communications to Chairman Employment Committee, Macalester College, St. Paul.

Telephone

The college office telephones are N. W. Midway 486 and T. S. 82522; Conservatory of Music, N. W. Midway 2656; Head Janitor N. W. Midway 4414.

College of Liberal Arts

The *men of experiment* are like ants—they only collect and use.

The *reasoners* resemble spiders, who make cobwebs out of their own substance.

But the bee takes a middle course; it gathers the material from the flowers, but digests it by a power of its own.

So *true philosophy* neither chiefly relies on the powers of the mind, nor takes the matter which it gathers and lays it up in the memory, whole as it finds it, but lays it up in the understanding, to be transformed and digested. —*Francis Bacon.*

WALLACE HALL, WOMEN'S DORMITORY

Entrance Requirements

General Statement

The satisfactory completion of fifteen units of properly coordinated work is required for admission to the freshman class of the college. The following units are required: three in English and two in mathematics. Not more than four units in vocational subjects (including Agriculture, Commercial Work, Domestic Science and Manual Arts) may be presented. It is strongly recommended that the student submit two or more units of consecutive work in some foreign language. By a unit is meant four or five recitation periods a week in a subject, carried thruout a year of thirty-six weeks. The recitation periods must be of not less than forty minutes in length.

Admission by Certificate

From Accredited High Schools and Academies.—Graduates of accredited high schools and academies requiring a four-year course are admitted without condition to the freshman class, subject to the requirement of the preceding paragraph. Accredited schools are those on the list of the North Central Association of Colleges and Secondary Schools, the list of Minnesota high schools prepared by the State Superintendent and similar lists of the high schools of other states.

Applicants for admission to the freshman class should apply to the Registrar for the Applicant's Admission Blank, which should be filled out by the principal of the high school or academy in which their courses were taken, and mailed by him to the Registrar, by the first of September.

From Unaccredited High Schools and Academies.—Graduates of such schools should secure the Applicant's Blank from the Registrar of the college, and have it filled out and sent to the Registrar as in the case of Accredited Schools. The credits will then be evaluated by the Matriculation Committee of the College and if satisfactory the student will be admitted.

Registration with Conditions.—A student submitting thirteen and a half units will be admitted as freshman, conditioned, and may make up deficiencies in certain courses.

Admission by Examination

Students not presenting certificates as provided for above must present a course of study equal to a four-year high school course. Such students will be examined in the course presented by them and will be admitted to freshman standing on passing the examination satisfactorily. These examinations will be given on the Monday and Tuesday preceding the opening of the college in September.

Suggestions to Students Preparing for Macalester College

The following suggestions respecting high school courses are not mandatory, but may be of value to future college students, now in high school or academy.

Suggested Units.—Students expecting to study for the B. A. degree are advised to present the following units for entrance:

English 4
Latin 4
Modern Language 2
Algebra 1½ or 1
Geometry 1½ or 1

The remaining units may be selected from the following:

History 1 or 2
German 2
Greek 2
French 2
Chemistry 1
Botany ½ or 1
Physics 1
Civics ½
Physiology ½ or 1
Zoology ½ or 1
Physical Geography ½ or 1
Manual Training ½ or 1

Students intending to study for the B. S. degree are advised to present the following ten units:

English 4
German or French 2
Chemistry or Physics 1
Algebra 1½
Geometry 1½

The remaining five units may be selected from the following:

Chemistry (if not above) 1
Botany ½ or 1
History ½, 1 or 1½
Zoology ½
French 1 or 2
Manual Training ½
Physics (if not above) 1
Physiology ½
Greek 1 or 2
Physical Geography ½ or 1
German 1 or 2
Civics ½

Suggested Courses of High School Study.—The following courses of study are suggested to students now in high schools who are preparing for entrance to Macalester College. Courses such as these will furnish substantial preparation for the work of the college and will articulate well with its courses:

For the B. A. Degree	For the B. S. Degree
Composition and Rhetoric 2 units	Composition and Rhetoric 2 units
Literature 2 units	Literature 2 units
Algebra 1 or 1½ unit	Algebra 1½ unit
Geometry 1 or 1½ unit	Geometry 1½ unit
Latin 4 units	Latin 2 units
Greek or German 2 units	German 2 units
History and Civics 2 units	History and Civics 2 units
Natural Science 2 units	Natural Science 2 or 3 units

Admission with Advanced Standing

From Other Colleges.—Students coming from reputable institutions of collegiate grade should present letters of dismissal and are then given standing in Macalester College, allowing a fair equivalent on the course here for work done elsewhere.

From Normal Schools.—Credits from Normal Schools are to be reckoned according to the nature and quality of the work presented as judged by the Registration Committee. This committee consists of the Registrar and the Dean.

From High Schools and Academies.—Ordinarily, no credit will be allowed on the college course for excess units of work done in the high school or academy. A student asking for such credit should note the following conditions:—

(1) No credit will be allowed except for an excess beyond seventeen units of high school or academy work.

(2) No credit will be allowed except after an examination by the college instructors to whose departments the subjects belong.

(3) In no case will credit be given for more than half the time which the subjects consumed in the preparatory school course.

(4) The Matriculation Committee will decide which of the student's excess units may be submitted for college credit.

All credits from other institutions, for which the student wishes credit in this institution, must be presented at the time of registration. Credits presented later from other institutions will not be considered.

Courses of Study

The College of Liberal Arts embraces the following general courses:—

1. The Liberal Arts Course, leading to the degree of Bachelor of Arts.
2. The Science Course, leading to the degree of Bachelor of Science.

On entrance, the student makes choice of one of the above courses. Thereafter, deviation from the course chosen must be with the approval of the faculty upon written application, stating reasons.

Requirements for Graduation

Number of Credits.—One hundred and twenty-seven credits are required for graduation in either of the above courses.

The term credit in the following pages means one hour a week for one semester in class room, or its equivalent in laboratory.

Credits Required in All Courses.—The following credits are required both for the B. A. and the B. S. degree:—

(1) 7 credits in Religious Education, Mental Science 2 and Vocation 1.
9 credits selected from Greek 9 and History 3, Mental Science 11 and Religious Education.
At least two credits must be secured each year.
(2) 6 credits in English 1.
(3) 6 credits in Social and Political Science and History.
(4) 3 credits in Mental Science 1.
(5) 1 credit in Personal Hygiene.

32 credits required of all.

Credits Required for the B. A. Degree.—For the B. A. degree, the following credits in addition to the above are required:

(1) Six years of foreign language, four of which may be secured in the high school or academy. Four years of this requirement must be in one language, two in another. One year of a language may not be counted for the six here required. If the student's major be in Group I, two of the six years must be Latin or Greek.

(2) 12 credits in science.

Credits Required for the B. S. Degree.—In addition to the requirements in all courses, the following credits are required for the B. S. degree.

(1) 8 credits in Mathematics 1 and 2.

(2) Two years of a modern language in the college course, unless student presents three units of a modern language, or two units of a modern language and two units of another foreign language from high school or academy.

(3) In addition to the major, the student must have eighteen credits from two departments of science.

Special Credits.—Members of the College Glee Club and college band are allowed one credit each a year upon recommendation of adviser.

Points Required for Graduation.—In addition to the one hundred and twenty-seven credits mentioned above are required:

(1) An equal number of honor points, granted as follows: for each credit toward graduation earned by the student with a mark of A, three honor points are given; for each credit with a mark of B, two honor points; for each credit with a mark of C, one honor point. A mark of D carries with it no honor points.

(2) Ten points in Physical Education (required of each man), one point to be allowed for the course in Personal Hygiene which is required of all freshmen, and three points to be allowed for a season's work in the regular gymnasium class or in any of the recognized athletic sports (football, basketball, baseball, track and tennis). Four of these ten points must be obtained during the freshman year; and three during the sophomore year. The number of points obtainable in any one year toward satisfying the requirement is limited to seven.

Courses for the Freshman Year.—The required courses for the freshman year are:—

For the B. A. Degree	For the B. S. Degree
Religious Education 1, 2 hours (first semester)	Religious Education 1, 2 hours (first semester)
English 1, 3 hours	English 1, 3 hours
Latin, Greek, French or German (to complete requirements above), 4 hours	Latin, Greek, French or German (to complete requirements above), 4 hours
One subject from Group III	Mathematics
	One Subject from Group III
Personal Hygiene	Personal Hygiene
Physical Education (men), 3 points	Physical Education (men), 3 points

The elective courses for the freshman year are:—

Religious Education 1 (second semester)	Religious Education 1 (second semester)
Biology 1, 2	Biology 1, 2
Chemistry 1, 2, 3	Chemistry 1, 2, 3
Expression 1	Expression 1
Foreign Language	Foreign Language
History 1, 5, 6	History 1, 5, 6
Mathematics 1a, 1, 2, 9	Mathematics 9
Music	
Applied Mechanics 1	Applied Mechanics 1

Language requirement must be completed if possible by the end of sophomore year.

Science requirements in the B. A. course must be completed by the end of the junior year.

History and social science requirements must be completed by end of junior year.

Majors and Minors.—Each student who is working for a degree must elect at the beginning of the junior year, under restrictions stated below, one major and two minors from the fourteen following departments:—

GROUP I.

1. Latin
2. Greek
3. German
4. Romance Languages
5. English

GROUP II.

1. Religious Education
2. Philosophy and Education
3. Social and Political Science
4. History
5. Music

GROUP III.

1. Chemistry
2. Physics (including Applied Mechanics 2 for major)
3. Biology
4. Mathematics

Terms Defined.—A *major* consists of twenty credits obtained in one department.

A *minor* consists of twelve credits obtained in one department.

Restrictions on Choice.—

(1) For the B. A. degree, the major must be selected from Group I or Group II. For the B. S. degree, the major must be chosen from Group III.

(2) At least one of the minors must be in a different group from the major. The minors are subject to the approval of the student's adviser.

(3) The following courses are not counted toward a major or minor:—Bible 1 (first semester) and 2, Chemistry 10, English 1.

French 1-2, German 1-2, Greek 1a, Latin 1-2 and 3-4, Mathematics 1a and 9, Mental Science 1, Biology 1 and 2, Physics 1 and Social and Political Science 1 and 11 are not counted toward a major. In Physics students must present one year of high school work in the subject in order to begin a major or minor.

Theses.—On or before the opening of the second semester of his junior year, each candidate for a degree shall select the subject of a thesis connected with the subject which he is making his major. This subject must be chosen in consultation with the head of the department to which the student's major belongs and with his approval.

The completed thesis shall be typewritten and filed with the Librarian on or before the first of April preceding the student's graduation. Such thesis must be prepared according to regulations to be obtained from the Librarian, and must bear the signed approval of the head of the department. Further, these theses must be accompanied by a complete bibliography of works consulted and analysis. Ordinarily, they will not be accepted if they exceed 6,000 words in length.

Classification of Students

Classification without Conditions.—For freshman classification, as stated before, fifteen units of acceptable high school work or their equivalent; for sophomore, thirty-two college credits in addition to the entrance requirements; for junior, sixty-four credits in addition to the entrance requirements; for senior, ninety-six credits in addition to the entrance requirements.

Classification with Conditions.—A student is classified as freshman with conditions who presents fewer than fifteen units or their equivalent of high school work and not fewer than thirteen and a half of such units; a student will be classed sophomore on

removing all entrance requirements except one-half unit, and gaining twenty-four college credits; he will be ranked junior on removing all entrance requirements and obtaining fifty-four college credits; he will be ranked senior on obtaining ninety college credits.

All conditions from previous years must be removed by the end of the first semester of the senior year.

Changes of Course and Unfinished Courses

Change of Course.—Registration at the beginning of the semester fixes the course of study for the student. After that no change is permitted without the written consent of the instructors concerned and the student's adviser. Dropping a subject comes under this rule.

After four weeks from the opening of college no card for dropping or electing courses shall be signed except by special permission of the faculty.

Unfinished Courses.—Students who drop a year course at the end of one semester lose all credit in that course unless some distinct phase of the subject is completed; in which case, the instructor may grant the credit.

Attending Courses as a Visitor.—Upon the approval of the adviser, a student shall be permitted to attend not to exceed four hours a week in classes for which he is not regularly registered. No credit is allowed for such attendance.

Respecting Courses Offered

Five Students Required for a Class.—The college does not hold itself bound for instruction in any elective course for which fewer than five students make request to the Registrar. Such classes may, however, be organized at the option of the instructor.

Courses of Study.—For detailed information respecting the courses of study offered see the heading, Departments, page 40, and following.

Preparation for Study of Vocations

The system of majors and minors and the elective system in use here permit the student to frame his college course with some reference to his future vocation. The student on selecting his vo-

cation should, as soon as convenient, decide what school he will probably attend, then acquaint himself with its requirements for entrance, and shape his college course to meet those requirements. In general, however, the student will find the following courses helpful to him in his future vocational study.

For the Study of Medicine.—The following course is strongly advised for students who are preparing for the study of medicine. Those taking such a course are given a bachelor's degree upon the satisfactory completion of the first year's work in a recognized medical school.

Freshman	Sophomore	Junior
Vocation 1	Chemistry 5 and 6	Rel. Education
Rel. Ed. 1, 2nd Semester	Physics 1	History } Elect
English 1	Biology	Soc. and Pol. Sci. } one
Chemistry 1	Philosophy 1	German } Elect one
Mathematics 1	Religious Education	French }
Latin 1-2 } Elect one	German }	Science
Biology 1 }	French } Elect	Elective
	History } one	Elective
	Soc. and Pol. Sci. }	

For the Study of Law.—The courses in social and political science, English and argumentation, jurisprudence and history, especially constitutional history, are advised. Able students who find it necessary to economize in time will find it possible to gain a year by taking some courses in the evening classes of the Saint Paul Law School along with their college courses.

For the Christian Ministry and Missionary Teaching.—The department of religious education and the electives in Greek Testament, philosophy, ethics and history offer a course well adapted to those who have the gospel ministry in view. Those, too, who are preparing to be missionary teachers will find in the wide range of Bible study pursued in the college an indispensable and very attractive adjunct to their course.

For Teaching.—The college has made special provision for the needs of students who wish to fit themselves for the teaching profession. The student should remember that there is the content side of his preparation and the technical side. The former part of the preparation he will obtain by directing his college studies thru the majors, minors and elective studies to the subjects which he will teach, with their related topics. The latter he will find in the courses in sociology, psychology, logic, ethics, history of philosophy, history and principles of education. This preparation will then be

supplemented by practice work to increase his insight into the principles of his profession and give him skill.

Attention of young men is invited in particular to the laboratory shop courses and manual training teachers' course which, in connection with the science courses, fit men for positions for which there is at present great demand.

For Business and Technical Vocations.—If a student has chosen his vocation before entering college special courses are offered to help him find his capacities and to develop them. He is given a thesis for his vocation that he may gather data about it. By the use of psychological methods he builds up abilities to fit him for particular positions and to guide him into a knowledge of his vocation. He is taught how to use the college courses for this purpose.

Senior Electives in Professional Schools.—Students intending to study for some profession, who are obliged to shorten their course in preparation, may in the following manner save one year while still obtaining their degrees. After completing three years of the college course and being enrolled for the fourth year, they may take the first year of a professional course in any school approved by the faculty in place of the work of the senior year.

Conditions Required.—This will be permitted subject to the following conditions: first, the required studies of the college must be completed in every case; secondly, a certificate must be presented from the professional school, showing the successful completion of the work of the first year in that school.

Students Not Candidates for a Degree

Students not expecting a degree will be admitted to the college under the following conditions:—

(1) They must present the requisite entrance credits, fifteen units for unconditioned registration, at least thirteen and a half for conditioned registration.

(2) They will be restricted in their choice of courses to such as their previous studies furnish a preparation.

(3) They are not excused from the operation of any of the regulations of the institution, which apply to the general student body.

These conditions being met, such students are classified according to the number of credits they have obtained, and are entitled to all the privileges of the college life.

The least number of hours which a student is allowed to carry is twelve, except by special action of the faculty in very exceptional cases.

Student Advisers

The Board of Trustees on recommendation of the Faculty has changed the advisory system because of the growing emphasis on the major work of the student.

For registration, advice and supervision all freshmen are referred to the following committee:—

Professors Clark, Hall, Whitridge and Kingery.

All sophomores are referred to the following committee:—

Professors Alexander, Anderson and Menger.

Thru the Junior and Senior years a student is advised by the head of the department in which he majors. The adviser assists the student in the arrangement of a course of study in harmony with his tastes or prospective vocation. The aim of this system of advisers is more intensive and consistent courses of study, vocational direction, timely warning to laggards and closer and more friendly cooperation.

Departments

Biology

PROFESSOR KNAPP

Courses 1 and 19, 20 are not counted toward a major.

1. General Biology.—
A general consideration of fundamental principles and laws relating to both animal and plant life. Required as a prerequisite to all other courses in the department.
First semester, three credits. Only two credits will be allowed juniors or seniors taking this course.

2. Invertebrate Zoology.—
Classification, life-histories and economic importance of the invertebrates. Typical forms are studied in the laboratory.
Prerequisite, course 1 or equivalent. Second semester, three credits.

3. Vertebrate Zoology.—
Comparative anatomy and classification of the vertebrates. One representative of each class is studied in the laboratory.
Prerequisite, course 1 or equivalent. First semester, three credits.

4. Vertebrate Embryology.—
A study of the development of the frog, the chick and the pig.
Prerequisite, course 3. Second semester, three credits.

5. Vertebrate Histology.—
An elementary study of the microscopic structure of the tissues and organs of the vertebrates; also the methods of preparing material for such study.
Prerequisite, course 3. First semester, four credits.

6. Entomology.—
The structure, life-histories and economic importance of the principal groups of insects.
Prerequisite, course 2. Second semester, three credits. Field work will be required in the spring.

7. Human Physiology and Anatomy.—
An elementary study of the structure of the human body and the functions of its parts.
Prerequisites, course 1 and Chemistry. First semester, four credits.

10. Theoretical Biology.—
A discussion of adaptation and the different theories of evolution and heredity, etc.

Prerequisites, courses 2 and 3 or 7. Three hours class work, no laboratory. Second semester, three credits.

11. General Botany.—
A general consideration of the morphology, physiology and ecology of flowering plants.

Prerequisite, course 1. First semester, three credits.

12. Systematic Botany.—
A systematic study of plants from the algae to the flowering plants and the evolution of plants.

Prerequisite, course 1. Second semester, three credits. An additional credit will be given in this course for field work on the spring flowers.

16. Microbiology.—
A study in the class-room and laboratory of bacteria and related forms, and especially their relation to the diseases and industries.

Prerequisite, course 1 and Chemistry. Second semester, four credits.

19, 20. Teachers' Course.—
For those who intend to teach biology. Practical work is given in the laboratory. Weekly conferences are held on the methods of teaching, planning of courses and reviews of textbooks.

Prerequisites, courses 2, 3, 10, 11, 12. One year, four credits.

Chemistry

PROFESSOR JONES

1. General Inorganic Chemistry.—
The course includes a thoro study of the principal elements and their compounds, their occurrence in nature, preparation in the laboratory, etc.; also an introduction to the study of qualitative analysis.

One year, seven hours a week, eight credits. Six credits will be allowed seniors taking this course.

This course counts four credits toward a major or minor if the student's grade is B or better.

2. Advanced Inorganic Chemistry.—
This is a continuation of course 1, with an introduction to physical chemistry.

Prerequisite, course 1. One year, six hours a week, six credits.

3. Qualitative Analysis.—

Lecture and laboratory work, including the detection and separation of the metals and the identification of the acids. The last few weeks of the year are spent in the analysis of specimens of rock and earth. Instead of this, the student may make a study of materials used as paint pigments and the methods used in paint analysis.

Prerequisite, course 1. One year six or eight hours a week, six or eight credits; or second semester, twelve hours a week, six credits.

4. Quantitative Analysis.—

Lecture and laboratory work. This includes an introduction to the gravimetric and volumetric analysis and a study of the methods of determination of atomic weights.

Prerequisite, courses 1 and 3. One year, six or eight hours a week, six or eight credits.

5. Organic Chemistry.—

A course of lectures on organic chemistry, including a study of the aliphatic and aromatic compounds. The chemistry of foods, oils, explosives, etc., is considered. Some of the important compounds are prepared before the class. A laboratory fee of one dollar is charged, except when course 6 is also taken.

Prerequisite, course1. One year, three hours a week, four credits.

6. Laboratory Course in Organic Chemistry.—

To be taken with or upon completion of course 5. Organic compounds are prepared and studied. Quantitative results are expected. This course should be taken with course 5, when possible.

One year, six hours a week, four credits.

7. Advanced Organic Chemistry and Qualitative Organic Analysis.—

This course is a continuation of courses 5 and 6. The detection of common food adulterants will receive attention.

Prerequisite, courses 1, 2, 3, 5 and 6. One year, six hours a week, six credits.

8. Food Analysis.—

Milk and butter analyses receive special attention.

Prerequisite, courses 1, 3 and 4. One year, six hours a week, four credits, or one semester, twelve hours a week, four credits.

9. Water Analysis.—

Prerequisite, courses 1, 3 and 4. One semester, six hours a week, three credits.

10. Teachers' Course.—
This course is designed for those who intend to teach chemistry. They are given practical work in the laboratories, instructing students beginning chemistry, preparing solutions, etc. A course of lectures is given on the teaching of chemistry.

Prerequisite, courses 1 and 3. One year, three or six hours a week, two or four credits. No fee is charged.
Credits not counted toward a major or minor.

Education

PROFESSOR ANDERSON

1. Administration and Management.—
This course opens with a preliminary sketch of the origin of our school system. Then follows a study of the organization and administration of our schools. Attention will be given in particular to the secondary school system. Here are included the rise and growth of high-schools, their purposes, kinds, curricula, etc. The course concludes with a discussion of the problems of class management.

Prerequisite, twenty-four credits. First semester, three hours a week, three credits. Students taking this course are advised to register at the same time for Philosophy 1, unless they have already obtained credit in that course.

2. Principles of Teaching.—
A course in teaching for prospective teachers in secondary schools. The course includes the physical and mental characteristics of the adolescent pupil; the cultivation of proper methods of study on the part of the pupil; the general methods of teaching with illustrative applications. Instruction is by means of text-book, lectures, collateral readings, quizzes. Reports on visits and observations in the city schools are required. Each student in this class must present, not later than June the first, a complete set of plans for twenty consecutive lessons in an approved subject.

Prerequisite, course 1; also Philosophy 1. Second semester, three hours a week, three credits.
Courses 1 and 2 are required for faculty recommendation for teaching.

3. History of Education.—
A general course in the history of education. It includes ancient oriental education, education in Greece and Rome, and through the medieval times. A fuller treatment is accorded

the educational movements from the Renaissance to the present. The purpose is not only the possession of the facts, but also the application of them to the interpretation of present theory and practise. Students taking this course are advised to take a course in European history, if they have not already done so. Instruction is by means of text-books, lectures, and collateral readings.

Prerequisite, fifty-four credits. First semester, three hours a week, three credits.

4. **Present Systems and the Philosophy of Education.**— This course takes up the work where the previous course leaves off, with a study of some modern educational systems. Chief attention is given to a study of the British, German and French systems in comparison with our own. Each student is required to make a study of some phase of foreign education and prepare a careful written report on it. The study of the modern systems is then used as a basis for a consideration of the aims of education immediate and remote. The student is encouraged to formulate to some extent his own philosophy of education.

Prerequisite, course 3. Second semester, three hours a week, three credits.

For further courses in Education, see the various departments of instruction in the college; and, further, all courses in the department of Mental Sciences and Philosophy.

The following courses are included in this department:—

Religious Education 8
Biology 19, 20
Chemistry 10
English 11
German 11
History 10, 11
Latin 16
Mathematics 7
Applied Mechanics 2
Physics 5

The work in practice teaching is given in connection with the courses in teaching in the various departments, as given above, and is in the care of the heads of those departments.

English

PROFESSORS JOHNSON, CLARK, WHITRIDGE AND MISS KELLEY

This department offers a major in English Literature and a minor in Expression or English Composition. Courses offered as English Composition may be counted toward a major in English Literature.

1. COMPOSITION AND PUBLIC SPEAKING

PROFESSOR CLARK AND MISS KELLEY

1. **Composition.**— PROFESSOR CLARK AND MISS KELLEY
This course is required of all freshmen. Its purpose is to give the student practice in speaking and writing and to lay a foundation for future work in English. Descriptive and narrative writing are studied the first semester, and expository writing the second semester.
Students who are deficient in punctuation, spelling and sentence structure are required to make up these deficiencies in a separate course for which no college credit is given.
One year, three hours a week, six credits.

2. **Expository Writing.**— MISS KELLEY
The chief emphasis the first semester will be upon accuracy rather than fluency, and much attention will be given to mastery of sentence structure. In the second semester students will be encouraged to do vital, spirited writing, the best of which will be published in the Gateway Magazine. Students who have shown thoro mastery of the fundamentals of rhetoric in English 1, may be admitted to the second semester without taking the first semester work.
One year, two hours a week, four credits.

3. **Short Story Writing.**— PROFESSOR CLARK
This course is open to all who have completed one or two semesters' work in English 2, or who have shown unusual aptitude for writing in English 1. The best stories written in this course will be published in the Gateway Magazine.
One year, two hours a week, four credits.

4. **Newspaper Writing.**— PROFESSOR CLARK
(a) Introductory Course—This course introduces beginners to the theory and practice of journalism. Members of the class are required to write regularly for the Mac Weekly, and the best books on journalism furnish materials for reports made by students to the class. This course may be elected for either or both semesters.
One year, one hour a week, two credits.

(b) Advanced Course—Some of the larger problems of metropolitan and rural journalism will be studied and opportunities for practice in both fields will be granted members of

the class. A miniature press bureau will be conducted as a part of the laboratory equipment of this class. Editor J. S. McLain of the Minneapolis Tribune will be consulted in the planning of the course, and whenever the size of the class warrants it, lectures will be given by editors and reporters of the Twin City papers.

One year, one hour a week, two credits.
All new students who wish appointment to the Mac Weekly staff must register for this course.

5. **Seminar in Advanced Composition.**— PROFESSOR CLARK
This course is designed for those who have done or wish to do some original writing outside of the regular class room work. No student should enroll for this course until he has consulted with the instructor.

Prerequisite, fifty-four credits. One semester, one hour a week, one credit.

6. **Play Writing.**— PROFESSOR CLARK
This course will be offered the second semester on alternate years if there is sufficient demand for it.

Prerequisite, fifty-four credits. One semester, two or three credits.

7. **Public Speaking.**— PROFESSOR CLARK
The object of this course is to correct a student's faults in public speaking and enable him to present a message effectively from the platform.

First semester, two hours a week, two credits.

8. **Argumentation and Debate.**— PROFESSOR CLARK
A study and analysis of great debates by Calhoun, Webster, Lincoln and others. Abundance of practice is given in drawing up of briefs and in actual debating.

Prerequisite, twenty-four credits. Second semester, two hours a week, two credits.

9. **Extemporaneous Speaking.**— PROFESSOR CLARK
The object of this course is the development of a natural, direct and effective manner of speaking. Weekly extempora, neous speeches, thoroly outlined, are required of the class and also one long written address suitable for public presentation.

Prerequisite, twenty-four credits. Second semester, two hours a week, two credits.

10. **Seminar in Debating and Oratory.**—
Open to those who represent the college in intercollegiate debates and in the state oratorical contest.

One semester, two hours a week, two credits.
Students interested in debate and oratory will find it helpful to take Mental Science 3 (Logic) and courses in Expression and Economics.

11. Teachers' Course.— PROFESSOR CLARK

This course is designed to prepare students to teach English in secondary schools. The work consists of lectures, reports and actual practice teaching.

First semester, two hours recitation, two hours practice work, three credits.

15. World's Masterpieces and Modern Tendencies.— PROFESSOR CLARK

In the first semester the student will be introduced or re-introduced to such masters as Homer, Dante, Goethe and efforts will be made to estimate their contribution to their age as well as to modern times. In the second semester the class will attempt to estimate the trend of modern day forces, especially the spirit of American nationalism and the new literature growing out of the Great War.

Prerequisite, fifty-four credits. One year, three hours a week, six credits. Not offered 1918-1919.

2. ENGLISH LANGUAGE AND LITERATURE

PROFESSOR JOHNSON

22. American Literature.—

Lectures and critical reading of selected authors; themes on assigned reading.

Prerequisite, course 1. One year, three hours a week, six credits. Not offered 1918-1919.

23. Old English.—

A study of the language, and reading of selections from the Old English Chronicle, King Alfred, Aelfric and the simpler poetry; Beowulf.

Prerequisite, course 1. One year, three hours a week, six credits.

24. English Literature.—

The aim of this course is to emphasize the main facts in the development of English literature from the seventh century until about 1600. Chaucer and Spenser are extensively read and discussed.

Prerequisite, course 1. One year, three hours a week, six credits. Not offered 1918-1919.

25. English Literature.—

Shakespeare and Milton.

One year, three hours a week, six credits.

26. The Drama in England.—
Special attention will be given to the writings of the minor dramatists of the Elizabethan period. While the course deals chiefly with the English drama, attention will be given to other literatures.

Prerequisite, courses 1, 24 and 25. One year, three hours a week, six credits.

27. History of Literary Criticism.—
A study of the principles governing literary composition.

Prerequisite, courses 1 and 24. First semester, three hours a week, three credits.

28. Browning and Tennyson.—
A comparative study.

Prerequisite, courses 1, 24 and 27. Second semester, three hours a week, three credits.

29. The English Novel.—
Its rise and development.

Prerequisite, courses 1 and 24. One year, three hours a week, six credits. Alternate for course 26. Not offered 1918-1919.

Any of the above courses may be elected by the semester.

3. EXPRESSION

ADJUNCT PROFESSOR WHITRIDGE

A. Elocution and Voice Training.—
1. Theory. The principles underlying the art of expression and literary interpretation.
2. Practice. Deep breathing. Correction of voice faults and mannerisms. Factors of expression. Analysis and interpretation of the classics. Reading and speaking.

One year, three hours a week, four credits.

B. Literary and Dramatic Interpretation.—
Pantomime. Adaptation of the short story and play for platform work. Story telling. Scenes and original presentations.

Prerequisite, course A. One year, two hours a week, four credits.

C. Shakespeare and Modern Drama.—
Analysis and presentation.

Prerequisite, courses A and B. One year, two hours a week, four credits.

Geology

PROFESSOR ALEXANDER

1. General.—
A general study of the forces at work within and upon the surface of the earth, the structural forms which these forces have produced and the history of the earth and the life upon it. Illustrated lectures combined with recitations and quizzes upon text work assigned. Field work for the study of local geology.

One year, three hours a week, six credits.

2. Mineralogy.—
A short course in mineralogy including a brief study of crystal forms and practical methods for the identification of the common minerals.

Prerequisite, Chemistry 1. First semester, three hours a week, three credits.

3. Fossil Biology.—
A short course in fossil biology. This includes a study of the methods used for collecting, identifying and interpreting fossil forms and their life relationship.

Prerequisite, elementary biology or geology 1. Second semester, three hours a week, three credits.

Greek

PROFESSOR HALL

Course 1a is not counted toward a major.

1a. Grammar.—
A study of the elements of the language. Drill in form, vocabulary, syntax and composition. Readings from Xenophon's Anabasis.

One year, five hours a week, ten credits.

1. Xenophon or Lucian.—
The Hellenica, Books I and II, with discussion of the earlier stages of the Peloponnesian war; or Lucian's Charon or Timon and selected short dialogues, with a survey of the literary and social conditions of the age.

First semester, four hours a week, four credits.

2. Homer or Herodotus.—
The Iliad, Books I-IV in literary and grammatical study; or Herodotus, stories, and selections from Book VII, with a careful consideration of accidence and syntax, of the Ionic dialect.

Second semester, four hours a week, four credits.

3. Athenian Orators.—
Selected orations of Lysias and Demosthenes. Theme work on Isaeus, Isocrates and others. Athenian legal procedure.

Prerequisite, course 2. First semester, three hours a week, three credits.

4. Plato.—
The Apology and Crito. Socrates and his teachings, with readings from Xenophon's Memorabilia.

Prerequisite, course 2. Second semester, three hours a week, three credits.

5. The Drama.—
Selected plays of Aeschylus or Euripides and Aristophanes. Rise and development of tragedy and comedy. The Greek theater and production of plays.

Prerequisite, courses 1, 2, 3 and 4. First semester, three hours a week, three credits.

6. English Course in Greek Literature.—
Studies in the elegiac, lyric and dramatic poets of Greece, for students having no knowledge of Greek.

Prerequisite, twenty-four credits. First semester, two hours a week, two credits.

7. The Odyssey.—
Selections from Books I-XII. Sight reading. Literary study of the whole poem from the English translations of Palmer and of Butcher and Lang.

Prerequisite, courses 1, 2, 3 and 4. Second semester, three hours a week, three credits.

8. Lyric Poetry.—
Selections from the elegiac and lyric poets.

Prerequisite, courses 1, 2, 3 and 4. Second semester, two hours a week, two credits.

9. The Greek Testament.—
This course is intended not only for candidates for the ministry but for any who have studied classical Greek and who wish to

acquire a reading knowledge of the New Testament in the original Greek. The aim is to master a good working vocabulary, the main characteristics of New Testament Greek and to get some practice in Greek exegesis.

Prerequisite, fifty-two credits. One year, two hours a week, four credits.

10. Classic Mythology.—

A study of the more important myths of Greece and Rome with special attention to their use in English literature.

Prerequisite, twenty-four credits. Second semester, two hours a week, two credits.

History

PROFESSORS FUNK, GILLESPIE AND MRS. MENGER

Students who major in this department ordinarily will be required to take courses 1, 2, 5 and 6. Courses 1, 5 and 6 are open to freshmen. If taken by juniors or seniors they will count for only two credits a semester. Students choosing history as a minor are recommended to pursue courses 5, 6, 9 and 14. Those majoring in this department will be expected to secure at least eighteen credits in related subjects, such as economics, sociology, political science, and the history of philosophy.

1. Early European History and the Middle Ages.—

PROFESSOR GILLESPIE

This course covers a resume of Roman imperial institutions, society and culture, the origin and racial characteristics of European peoples, the beginnings and growth of the church and extends to about 1450. Lectures, text, collateral reading form the basis of the work.

One year, three hours a week, six credits.

2. English Political and Constitutional History.—

PROFESSOR GILLESPIE

This is a study of the political and constitutional development of England to 1660. Some attention will likewise be paid to social and economic development.

One year, three hours a week, six credits.

3. The Renaissance and the Reformation.— PROFESSOR FUNK

This course covers the period from 1300 to 1648. The greater part of the first semester is devoted to the Renaissance and

the remainder of the year is given to the Reformation. Topical reports and a thesis are required.

One year, three hours a week, six credits.

4. The French Revolution.—
In this course the causes bringing about the fall of the Bourbons, the revolution proper and the Napoleonic era are studied.

First semester, three hours a week, three credits. Not offered 1918-1919.

5. American History.— PROFESSOR FUNK
1787-1850. This course is a study of the making of the constitution, the organization of the government, formation of political parties, economic and territorial expansion and the growth of national consciousness and power. Text book, lectures and collateral reading.

First semester, three hours a week, three credits.

6. American History.— PROFESSOR FUNK
1850-1918. In this course are studied the forces which brot about the division and reunion of the nation, the period of reconstruction, and those economic, social and political events that have characterized our recent history. This is a continuation of History 5.

Second semester, three hours a week, three credits.

7. American Colonial History.— PROFESSOR GILLESPIE
Beginning with a background study of European conditions leading to the discovery of America, the voyages and explorations, the settlements in the colonies, this course aims to trace the development of those institutions and forces which led to American independence, and ends with a careful study of the Revolution.

First semester, three hours a week, three credits. Not offered 1918-1919.

8. The Westward Movement.— PROFESSOR FUNK
This is a study of the westward extension of the United States and of the economic and political development resulting from this expansion.

Prerequisite, course 7, or courses 5 and 6. First semester, three hours a week, three credits.

9. Modern European History.— PROFESSOR FUNK
From 1815 to the present time. Special attention is devoted

to the establishment of constitutional governments and the industrial evolution of this period.

One year, three hours a week, six credits.

10. History of Rome.—

A systematic study of the social and political development of the Roman nation and the causes of its downfall. Course will consist of text-book work, collateral reading and lectures. Recommended to those intending to teach Latin and History.

One year, three hours a week, six credits.

11. History of Greece.—

A study of the political and social development of the Greek states to the time of their incorporation into the Roman Empire. Special attention will be given to the permanent influence of Greek civilization. Text-book work, reading, lectures.

One year, three hours a week, six credits.

12. History of Fine Arts.— MRS. MENGER

A study of the development of architecture, sculpture and painting thru the various periods of ancient, medieval and modern art. An effort is made to familiarize the student with the great masterpieces by means of photographs, stereopticon lectures and visits to the art galleries in St. Paul and Minneapolis.

One year, one hour a week, two credits.

13. History of American Diplomacy.— PROFESSOR FUNK

This is a chronological survey of the relation of the United States to foreign countries from 1776 to the present time. Text book, lectures and collateral reading.

Second semester, three hours a week, three credits.

14. The History of European Expansion.—

PROFESSOR GILLESPIE

This course traces the exploring and colonizing activities of European nations from the end of the fifteenth century to the present, dealing with colonial policies, institutions and development. A most interesting phase of this subject is the consideration made of the reflex influence, social, economic, religious, intellectual and political upon the mother lands.

One year, three hours a week, six credits. Not offered 1918-1919.

15. English, Social and Political History from 1660 to the Present.— PROFESSOR GILLESPIE

Special attention will be paid to the development of the cabinet and parliamentary system and the expansion of English world policies.

Second semester, three hours a week, three credits. Not offered 1918-1919.

16. Historical Method.— PROFESSOR FUNK

This course is a study of the history of history, the development of a scientific historical method. When taken in conjunction with History 10 or 11 it gives six credits in Education.

One year, three hours a week, six credits.

17. Reciprocal Influences in World Civilization.— PROFESSOR GILLESPIE

This is an attempt to study history from the international viewpoint, involving a consideration of the influences exerted by races upon one another; the reciprocal relations of the Orient and Europe, the reflex influences from oversea expansion upon western European nations, the Europeanization of distant countries, the civilization of America versus the world, the forces that may lead to world unity and concord.

First semester, one hour a week, one credit.

18. Latin America from 1800 to the Present.— PROFESSOR GILLESPIE

This course deals with the social, economic and political development of Latin America from the beginning of the nineteenth century to the present.

Second semester, three hours a week, three credits.

Home Making

ADJUNCT PROFESSOR WHITRIDGE

3. The House.—

(a) Evolution of the modern home from primitive conditions. Its object. Selection of site with regard to climate, soil, drainage and neighborhood. Location of house with regard to exposure, light and prevailing winds. Study of house plans to meet the requirements, comfort and convenience of the family for which the house is intended. Drawing of specific plans.

(b) Household Art.—

Furnishing the house from the standpoint of good taste and

economy. Value of form, color, design and materials in interior decorations. Wallpapers, carpets and curtains. History of furniture. Household management.

One year, two hours a week, four credits.

4. Social Culture.—
The hospitality of the home. The forms and customs known and observed in community life.

Second semester, one hour a week, one credit.

Latin

Associate Professor Shero

1-2. Elementary Latin.—
The work covered in this course corresponds to that covered in the first and second years of high-school Latin.

One year, five hours a week, ten credits. Not counted toward a major.

3-4. Elementary Latin (Continued).—
The work covered in this course corresponds to that covered in the third and fourth years of high-school Latin.

Prerequisite, two years of high-school Latin or course 1-2. One year, four hours a week, eight credits. Not counted toward a major.

5-6. Freshman Latin.—
Cicero's *De Senectute* and selections from Livy and from Pliny's letters are read. The course is designed to enable the student to acquire an extensive vocabulary and a mastery of forms and syntax.

Prerequisite, four years of high-school Latin or courses 1-2 and 3-4. One year, four hours a week, eight credits.

7-8. Sophomore Latin.—
In the first semester extensive selections from Horace are read; special attention is paid to literary criticism and appreciation. In the second semester Tacitus's *Agricola* and *Germania* and selected satires of Juvenal are read; special consideration is given to public and private life under the Empire.

Prerequisite, course 5-6. One year, three hours a week, six credits.

9-10. Prose Composition and Sight Reading.—

Prerequisite, course 5-6. One year, one hour a week, two credits.

11-12. Advanced Prose Composition and Sight Reading.—
Students wishing to be recommended for teaching Latin are required to take courses 9-10 and 11-12.

Prerequisite, course 9-10. One year, one hour a week, two credits.

13. Latin Drama.—
Representative plays of Plautus, Terence and Seneca are read, and matters pertaining to the Roman stage and dramatic composition are dealt with in lectures and collateral work.

Prerequisite, courses 5-6 and 7-8. Given in alternate years. First semester, three hours a week, three credits.

14. Roman Poets of the Republic.—
Important fragments of Ennius, Lucilius and Cicero, and extensive selections from Catullus and Lucretius are read. Thoro consideration is given to the style and contents of the writings of these poets.

Prerequisite, courses 5-6 and 7-8. Given in alternate years. Second semester, three hours a week, three credits.

15. History of Latin Literature.—
Lectures on the lives and writings of the important Latin authors, with extensive collateral reading in their works. Students wishing to be recommended for teaching Latin are required to take this course.

Prerequisite, courses 5-6 and 7-8. Given in alternate years. First semester, one hour a week, one credit.

16. Teachers' Course.—
Thoro consideration is given to problems pertaining to the teaching of high-school Latin. The course is conducted by means of lectures and collateral reading.

Prerequisite, courses 5-6, 7-8 and 15. Given in alternate years. Second semester, three hours a week, three credits.

17. Roman Civilization and Its Survivals in the Modern World.—
Illustrated lectures on the geography of the Roman world, the topography of Rome, Roman architecture, art, commerce, law and religion, and the influence of these phases of Roman life on modern civilization. No knowledge of Latin is required.

Given in alternate years. First semester, two hours a week, two credits.

Mathematics and Astronomy

PROFESSOR KINGERY

Courses 1a and 9 are not counted toward a major or minor.

1a. Solid Geometry, Algebra and Trigonometry.—
This course is for those who present only two units in high-school mathematics.

One year, four hours a week, eight credits.

1. **College Algebra.—**
Graphic representation of functions, ratio and proportion, variation, theory of quadratics, progressions, series, etc.
First semester, four hours a week, four credits.

2. **Trigonometry and Analytic Geometry.—**
Definitions of trigonometric functions, development of formulae and their application to the solution of problems, plane and spherical. This is followed by a brief course in analytic geometry, sufficient for elementary courses in physics and astronomy.
Second semester, four hours a week, four credits.

3. **Analytic Geometry.—**
This is a continuation of course 2. Equations of straight lines and the principal curves and their tangents are discussed by both rectilinear and polar co-ordinates.
Prerequisite, course 2. First semester, four hours a week, four credits.

4. **Differential and Integral Calculus.—**
A brief study of the principles of differential calculus based on theory of limits, followed by a short course in integral calculus.
Prerequisite, course 3. Second semester, four hours a week, four credits.

5. **Advanced Calculus.—**
Continuation of course 4.
One year, three hours a week, six credits.

6. **Surveying.—**
Prerequisite, course 2. Second semester, three hours a week, three credits.

7. **Advanced Algebra and Geometry.—**
Intended especially for those preparing to teach.
Prerequisite, course 1. One year, three hours a week, six credits.

8. **Astronomy.—**
Text-book, lectures and practical work with sextant, transit and clock.
Prerequisite, course 2. One year, five hours a week, six credits.

9. **Mechanical Drawing.—**
A course designed for those taking shop work or preparing for technical schools.
One year, four hours a week, two credits.

The Mental Sciences and Philosophy

PROFESSOR ANDERSON

1. Psychology.—

An introductory course covering the main features of normal human psychology:

(1) A brief introduction in experimental work, intended to accustom the student to introspective study and to give him an insight into the methods of modern psychological investigation.

(2) A survey of the more prominent aspects of the conscious life. This part opens with a synopsis of the nervous mechanism and is followed by a consideration of the sensations, perceptions, affections, memories, judgments, etc. The work is carried on by means of text-books, collateral readings, lectures, observations by the student, and experiment. Required in all courses.

Prerequisite, twenty-four credits. First semester, three hours a week, three credits.

2. Ethics.—

This course begins with an historical sketch of ethical theories and of the conceptions of life that have been held. Next, the psychological facts and the philosophy of ethics are investigated in order to gain an adequate basis for ethical theory. Finally, the problems of practical ethics are taken, particular consideration being given to certain of them, which are now occupying the thoughts of men. The attempt is made in this course to develop a system of thought that does justice to Christian motive and doctrine and is, at the same time, based upon a proper scientific and philosophical basis. Required in all courses.

Prerequisite, course 1. Second semester, three hours a week, three credits.

3. Logic and Scientific Method.—

This is a study of the instruments of thought and investigation and of the methods and tests of proof. Aside from the culture aspect of the study, it is of interest to the student of science, as elucidating the procedure of science; it is of interest to the student of oratory and literature, as forming the basis of all plans and methods of procedure in exposition and argumentation; it is of value to the teacher, since it furnishes the

analysis of teaching methods from the content side, just as psychology does from the conscious side. In order to make this discipline as valuable as possible, logical definition and division receive attention, and their relation to literary work is shown. Much attention is given to fallacies and the analysis of fallacious reasoning. The use of hypothesis, analogy and probability, and the methods of scientific experiment and verification are explained and illustrated. Thruout extensive use is made of practical exercises in order to fix principles and develop ability to use them.

Prerequisite, twenty-four credits. One year, two hours a week, one of which is used as a laboratory hour; three credits.

4. **Advanced Psychology.**—
A course designed to study more exhaustively certain problems suggested in course 1, in the domain of comparative, social and educational psychology. The psychology of animals, of races and of society are taken up; then the mental life of childhood and adolescence; and, finally, the bearing of the science upon education, business and professional life is studied.

Prerequisite, course 1. One year, three hours a week, six credits.

5. **Advanced Logic and Scientific Method.**—
A course covering the same general ground as course 2, but much more thoroly. It consists of two parts:—

(1) Formal logic, with a closer study of logical theory and concepts, modal propositions, etc. With it will be given a brief course of lectures on genetic logic.

(2) Scientific method. A more complete study of the methods of science, including statistics, probability, etc. As a part of this course will be included a brief course of lectures on the history of science.

Collateral readings are required on the methods and aims of science as stated by distinguished men of science themselves.

Prerequisite, course 2. One year, two hours a week, four credits.

Philosophy seeks a consistent view of the world and of life; it seeks the meaning to life and reality. It is cultural in character; it would correct the one-sidedness of the mere specialist and correlate the results of general study. The four courses in philosophy which follow are arranged in two pairs offered in alternate years. The student may begin with either pair.

10. History of Philosophy, Ancient and Medieval.—
Beginning with the early Greeks, this course follows the course of philosophic thought down to the period of Bruno, with the purpose of noting the development and relationships of the chief philosophical concepts. Attention is concentrated upon the leading thinkers and on the movement of thought. Collateral readings in Plato and Aristotle are required.

Prerequisite, fifty-four credits, unless by the approval of the instructor. First semester, three hours, three credits. Not offered 1918-1919.

11. History of Philosophy, Modern.—
Continuing the preceding: from Bruno to the present time. Constant use of Rand's classical Modern Philosophers is made for collateral reading.

Prerequisite, seventy credits, unless by the approval of the instructor. Second semester, three hours, three credits. Not offered 1918-1919.

12. Modern Philosophy.—
(a) Introduction to Philosophy. The purpose is to bring before the student the chief problems of philosophy, to exhibit in outline the courses of argument by which various views are supported, and to formulate some positive views respecting the problems of the world that confront us.
(b) The latter part of the semester will be given to the study of some modern thought movement. Next year it will consist of a study of Pragmatism, as formulated by James and others.

Prerequisite, sixty credits, unless with the approval of the instructor. First semester, three hours, three credits.

13. Modern Philosophy (continued).—
The course here offered will take up one or more of the most important modern systems of thought. It will be both expository and critical. Next year the work offered will be in the philosophies of Eucken and Bergson. The course will require collateral readings and comparative studies in other philosophers.

Prerequisite, course 12. Second semester, three hours a week, three credits.

Modern Languages

PROFESSOR MENGER, ADJUNCT PROFESSOR CHALFANT, ADJUNCT PROFESSOR RATHKE

German

PROFESSORS MENGER AND CHALFANT

1-2. Elementary German.—
Essentials of grammar, reading, conversation. This course is intended for students who have had no German.

One year, five hours a week, ten credits.

3. Intermediate German.—
Reading of prose and the easier dramas of Schiller and Lessing. Review of grammar; composition; conversation.

Prerequisite, course 1-2 or two years of high school German. One year, four hours a week, eight credits.

4. Modern Prose and Drama.—
General reading course.

Prerequisite, courses 1-2 and 3 if the language was begun in college. Those presenting three years of high school German may either elect this course or one of courses 5, 6, 7, 12. One year, three hours a week, six credits.

5.* Reading of selections from the epic in a modern German translation, followed by a rapid reading of Wagner's Der Ring der Nibelungen. Lectures on the interpretation of the mythology of both.

Second semester, three hours a week, three credits.

6. Survey of German Literature.—
A general survey course up to the classic period; readings and reports.

One semester, three hours a week, three credits. Not offered 1918-1919.

7. Lessing.—
A brief study of his life and times and the reading of at least two of his important works.

First semester, three hours a week, three credits.

8. Schiller.—
A rapid survey of his life and the reading of several of his dramas and his most important poems.

Second semester, three hours a week, three credits.

9-10. Goethe.—

His life, especially as reflected in his works; the reading of several of his dramas and most important of his philosophic poems and lyrics. (First semester.)

Faust, First Part and selections from the Second Part. (Second semester.)

One year, three hours a week, six credits. Junior or senior year. Courses 7 and 8 should precede. Not offered 1918-1919.

11. Composition and Teachers' Course.—

Advanced syntax and practical composition; conversation. In the second semester a sufficient amount of time will be devoted to methods of teaching, text books, phonetics, etc. Required of all those who desire to teach German; with others optional.

One year, three hours a week, six credits. Senior year preferred.

12. German Poetry.—

This course deals only slightly with the theory of poetry; its main emphasis is upon the actual reading of the best German poetry

First semester, three hours a week, three credits.

*Courses 5-12 are electives (see also course 4). Consult instructor before electing. A teaching major in German consists of at least 24 hours and the work should be continuous thruout the four years.

French

ADJUNCT PROFESSOR RATHKE

1-2. Elementary French.—

Essentials of grammar, conversation, reading of easy texts, memorization of a few short poems, and dictation. This course is intended for those who have had no French.

One year, four hours a week, eight credits.

3. French Readings.—

Brief review of French grammar. Composition, conversation, and the reading of a number of nineteenth century French texts.

Prerequisite, course 1-2 or two years of high school French. One year, three hours a week, six credits.

4. Survey of French Literature.—

A course based on some elementary history of French literature like Pellissier's or Doumic's, with readings of extracts and a

few entire works from the most important French writers. Lectures, outside readings, and reports.

Prerequisite, course 3 or an equivalent. Not given 1918-1919. One year, three hours a week, six credits.

5. **French Novel.**—
A brief survey of French fiction from the beginning, and special attention to French romances and novels from the seventeenth century on. Text used, Morrillot's Le Roman en France. Lectures, outside readings, reports.

Prerequisite, course 4. One year, three hours a week, six credits. Not offered 1918-1919.

6. **French Drama.**—
A course based on Petit de Julleville's Le Theatre en France. Lectures, outside readings, reports.

Prerequisite, course 4. One year, three hours a week, six credits.

7. **Teacher's Course.**—
Phonetics, advanced grammar, practical composition and conversation. Discussion of texts, reference books, journals, etc., and methods of teaching. Required of all who wish to teach French; optional with others. This course should be taken in the senior year.

One year, three hours a week, six credits. Not offered 1918-1919.

8. **French Poetry.**—
A study of prominent works of important French poets, and of French songs, combined with a brief treatment of French verse structure. Lectures, readings, reports.

Prerequisite, course 3 or an equivalent. One year, three hours a week, six credits.

9. **French Classics.**—
Study and discussion of masterpieces of French literature from the seventeenth century on, of one or more writers of each century. Lectures, readings, reports.

Prerequisite, course 4 or an equivalent. One year, three hours a week, six credits. Not offered 1918-1919.

A major in French requires continuous work in the language thruout the college course, unless French is presented upon entrance. A teaching major, however, must not be less than twenty-four hours. It is highly desirable that Latin be presented as a basis for French.

Spanish

ADJUNCT PROFESSOR CHALFANT

1. **Elementary Spanish.**—
Grammar, composition, conversation, reading.

One year, four hours a week, eight credits.

2. Intermediate Spanish.—
Conversation, composition and readings based largely upon Latin American literature. Business correspondence, reports from Spanish periodicals, etc.

One year, three hours a week, six credits.

It is very desirable that students electing Spanish shall have had Latin at least, and, if possible, French.

Spanish may be applied toward a major in French.

Music

MR. PHILLIPS, MR. FAIRCLOUGH, MISS KAY AND MISS BRIGGS

Music may be chosen as a major or minor. The maximum number of credits permitted in such work is thirty-two. Not more than eight credits in practical music (voice, organ, piano, violin), will be allowed upon recommendation of the faculty of the Conservatory of Music after a sufficient amount of harmony (usually two years) has been completed. Of the twenty credits required for a major, eight credits in harmony and two credits in Physics 6 must be obtained. Of the twelve credits required for a minor, six must be obtained in theoretical music; and of these two in harmony and two in appreciation are required.

The special fees for courses in music must be paid by the student except in courses 1, 7, 9 and 10.

1. Elementary Harmony.—
The work of this year will include all triads, seventh chords, cadences, modulation and suspensions.

One year, two hours a week, four credits.

2. Advanced Harmony.—
This is a continuation of the first year's study for greater proficiency in the use of the material. The student will compose and have a great deal of practice in transposing pieces heard but once. Memorizing will be an important feature of the work.

One year, two hours a week, four credits.

3. Counterpoint.—
Simple counterpoint beginning with two, three and four-part writing in one, two, three and four notes against one is studied first, followed by syncopated and florid counterpoint with special stress on the latter used in three and four parts.

First semester, two hours a week, two credits.

4. Elementary Composition.—
This course is an introduction to the art of composition, with original work in the simpler forms, instrumental and vocal. Facility and clearness in the use of original musical ideas expressed through modern harmony and counterpoint are sought. The student is expected to accomplish work of sufficient merit for public performance.

Second semester, two hours a week, two credits.

5. Composition and Orchestration.—
A course in original composition. Instrumental and vocal compositions of simple and complex forms: (a) In the strict classical forms from song to sonata in homophonic and polyphonic style; (b) In the free forms, applying modern means of harmonization, modulation and imitation; (c) Orchestration. This work must have sufficient merit for public performance.

One year, two hours a week, four credits.

6. Public School Music.—
For a detailed description of this course see Conservatory of Music.

Two years, two hours a week, eight credits.

7. History of Music.—
A study of the beginnings of music through the classical period, including the history and development of instruments. The college library has a good collection of reference works on music and our students have access to the fine collections in the public libraries of the Twin Cities.

One year, two hours a week, four credits.

8. History of Music.—
This is a continuation of Course 7, studying the development of music from the Romantic period to our own day. By means of the talking machine, records of many operas, oratorios, symphonies, songs and piano compositions are studied.

One year, two hours a week, four credits.

9. Appreciation of Music.—
This is a study of the form and meaning of music. A preliminary study of the instruments of the orchestra is given preparatory to the concerts of the Minneapolis Symphony Orchestra.

First semester, two hours a week, two credits.

10. Appreciation of Music.—
This is the continuation of Course 9 and is devoted to a thorough study of romantic and modern forms since the time of Beethoven.

Second semester, two hours a week, two credits.

11. Normal Training for Piano Teachers.—
(a) Course for advanced and senior students, who, tho good performers, are not prepared for the art of teaching.
(b) Course for young teachers requiring a more complete knowledge of modern piano teaching methods and material. See Conservatory of Music for further details.

One year, two hours a week, four credits.

Physics

PROFESSOR ALEXANDER

Course 1 is not counted toward a major.

1. Short Course.—
This is a short course which covers the entire subject in one year. Demonstrations in connection with the lectures are substituted for a considerable amount of the individual laboratory work that is done by the student in the long course, and some of the more technical features of the subject that are not of general importance are omitted. The aim is to offer a thoro year's work in the general principles of physics to those who are taking courses which will not permit them to take the regular long course in the subject. It is recommended only to those who are taking classical or literary courses, or a two-year course in preparation for some school of medicine.

Prerequisite, Mathematics, course 2. One year, six hours a week, eight credits.

2. Mechanics, Sound, Heat.—
This course includes a thoro study of mechanics, sound and heat. A large part of the time is spent in laboratory work and the student's conceptions of physical laws are developed as largely as possible from observation and experiment. About forty quantitative experiments are performed by each student in the laboratory, the aim being to afford a working knowledge of modern measuring instruments of precision and to develop

quantitative methods, as well as to discover and verify the laws of nature. Careful attention is given to the problem of the errors in measurement, the student being required in each case to consider the origin of the errors and methods for their elimination and to compute the probable errors of observations and results.

Prerequisite, Mathematics, courses 1 and 2. One year, six hours a week, eight credits. Not offered 1918-1919.

3. **Electricity and Light.—**
This course includes a thoro study of electricity and light. Forty experiments are performed, thirty-five of which are in electricity, giving the student an opportunity to familiarize himself with electrical measuring instruments. The work in light includes measurements with the photometer, spectrometer and interferometer.

Prerequisite, Mathematics, courses 1 and 2. One year, six hours a week, eight credits.

Courses 2 and 3 together constitute what is termed the long course in physics and are designed especially to meet the needs of students taking a scientific course. These two courses together with Physics 5 should be taken by students preparing to teach physics in secondary schools.

4. **Advanced Physics.—**
In this course a thoro study is made of some topic approved by the head of the department. The work is largely individual and experimental. The aim is to deepen rather than to broaden the student's knowledge of the subject and to cultivate a taste for research. Those who major in physics are required to take this course as a basis for their theses.

Prerequisite, course 2 or 3. First semester, four hours a week, two credits.

5. **Laboratory Technic.—**
In this course a study is made of the design, construction, operation and repair of the more elementary laboratory apparatus and of the use and manipulation of laboratory materials. The aim is to afford those students who are preparing to teach physics a practical working knowledge of the physical laboratory.

Prerequisite, course 1, 2 or 3. Second semester, four hours a week, two credits.

6. This course includes a study of the mechanics of sound, particularly wave motion, interference, resonance and quality. Also the development of the diatonic and tempered scales and the construction and theory of the common musical instruments.

One semester, three hours a week, two credits.

7. This is a lecture and demonstration course covering the most important and interesting phenomena of physics. No quantitative work is attempted that requires advanced mathematics. The aim is to lead the student to an appreciation of natural law by deductions made from qualitative observations.

One year, three hours a week, four credits.

Applied Mechanics

PROFESSOR ALEXANDER

The Department of Education of the State of Minnesota has approved the courses offered at Macalester in the department of applied mechanics, and has certified that students who have completed the work in that department are eligible to teach in the high schools of the state.

1. **Elementary Applied Mechanics.—**
This is essentially a general culture course in the applied mechanical principles. The work covers a study of the principles involved in modern methods of wood-working and the use and adjustment of wood-working tools; a study of the principles involved in working the various metals and of metal-working tools. The work in metals includes soldering, brazing, forging and the casting of brass and aluminum. For the latter work simple patterns are made in the pattern shop which, with the setting and pouring, introduces the student to the general principles underlying foundry work. The development and transmission of power, including steam and gas engines, water power, dynamos and motors is given considerable attention. The study of the mechanical principles is illustrated by practical exercises involving their application to modern methods. The object is to lead the student to an appreciation of the modern mechanical world, its methods and processes.

One year, five hours a week, six credits.

2. **Manual Training, Teachers' Course.—**
This course is designed for students who are preparing to teach manual training. It includes a short study of the history and development of the manual training idea in education; the development of a progressive set of exercises each one of which

must be executed and submitted for criticism accompanied by a paper explaining the object of the exercise, the connection with preceding exercises and the points that will appeal to the pupils' interest and stimulate creative thought; visits to manual training and other shops in the Twin Cities.

Prerequisite, course 1 or its equivalent. One year, four hours a week, four credits.

Religious Education

Bible Training

On the John C. Martin Foundation

PROFESSORS WALLACE, MCRAE, ANDERSON AND WILLIAMS

The great importance of moral and religious training finds, in all our colleges, increasing recognition. Intellectualism alone has proved utterly inadequate for the individual, society and the nation. Knowledge and efficiency can not safely be made the ultimate aim of education. A much more vital and important consideration is, what are the ends which knowledge and efficiency must be made to serve.

In any complete system of education the spiritual nature of man and his chief end in life must be amply recognized. The best known means for the cultivation of this nature and for the discovery of this chief end is found in Christianity, in the central figure of all history—Jesus Christ.

Every educated man and woman should have, must have, a true philosophy of life and we believe that such philosophy is found in the Christian view of God and of the word as presented in the Holy Scriptures.

For the above reasons Macalester has made large provision for the religious training of her students.

Besides its required courses for all students this department offers elective and advanced courses for students wishing to prepare themselves for other forms of Christian service besides the gospel ministry.

The church, as well as the world, has entered on the era of the laity. Christianity is girding itself for the conquest of the world. Her call for leaders and workers of all sorts is louder and more

engaging than ever before. The world is white unto the harvest and the reapers include not only preachers and evangelists but missionary teachers, missionary physicians, settlement workers, pastors' assistants, secretaries of Young Men's and Young Women's Christian Associations, trained Sunday school organizers, and lay workers generally.

To students training for any of these vocations the college offers special advantages. Open to them is instruction in many subjects essential to thoro preparation for any of the above forms of Christian activity, such as languages, science, literature, philosophy, history, ethics, sociology, elocution, music.

Courses 1, first semester, and 2 are not counted toward a major or minor.

1. The Life of Christ.— PROFESSOR WALLACE

(a) This is studied by means of a harmony of the gospels. By way of introduction, attention is directed to the political and religious condition of the time and to the characteristics and viewpoint of the gospel writers. By discriminating discussion of the teachings of Christ and a realistic presentation of the facts and incidents of His life an effort is made to deepen personal faith in Christ as the Savior of men and to bring the student into appreciation of Jesus as the master teacher of all time.

Required of freshmen, first or second semester, two hours a week, two credits.

(b) Continuation of (a).

Elective, second semester, to students having completed (a), two hours a week, two credits.

Students who are already fairly familiar with the gospels or who for any reason prefer to do so, may, in lieu of the above, take Old Testament History. See 9.

2. The Missionary Labors of the Apostles.— PROFESSOR WALLACE

These studies are based on the Acts of the Apostles and in part on the New Testament Epistles. The external and internal growth of the early church is carefully traced and the whole movement is viewed as a continuance of the work of Christ thru the agency of the Holy Spirit and of His inspired apostles. The authorship and credibility of the Acts,

its teaching concerning Jesus, the Holy Spirit, and the organization of the early church receive special attention.

Required of sophomores, one year, one hour a week, two credits.

3. **Prophets of Israel.**— PROFESSOR MCRAE
This course consists of a thoro study of the prophets, their place in the community, their functions and their messages. It is pursued inductively from the Bible text with the object of acquainting the student as fully as possible with the foreshadowings of the Christ. All the Messianic passages are carefully analyzed with reference to their historical background and in the order of their development.

One year, two hours a week, four credits.

4. **The Literary Study of the Bible.**— PROFESSOR WALLACE
This course includes a careful study of the Bible, viewed as literature. The rhetorical characteristics of the Hebrew language and the various literary forms of the Bible are closely examined. This done, various parts of the Bible best illustrating these forms and characteristics are critically studied and drawn out in their proper literary form. As sound literary criticism is based on a thoro study of the thought and thought-connections, the literary study of the Bible proves in practice a very valuable aid to interpretation. It is for this reason, especially, that it is included in the course. The text book used as a basis is Moulton's Literary Study of the Bible, and special study is made of the book of Job, certain of the Psalms and selections from the prophets.

Prerequisite, courses 1 and 2. One year, two hours a week, four credits.

5. **The Social Teachings of the Bible.**— PROFESSOR MCRAE
This course includes a survey of the social teachings of Christ, the apostles, the prophets and the Mosaic code. The object is to form a just estimate of the social message of the Bible and to apply, as far as may be, its social principles to the solution of current social problems. It is based mainly on Josiah Strong's Studies in Social Christianity, supplemented by wide collateral reading in the works of Raushenbush, Peabody, Mathews, Schenck, Brace, Keble (collection of lectures) and other works that seek to interpret and apply the social message of Christianity.

Prerequisite, courses 1 and 2. One year, two hours a week, four credits.

6. **Inter-Testament History.**— PROFESSOR WALLACE
This course is intended (1) to trace the history of the Jews from Malachi to John the Baptist under the Persians, Greeks, Maccabees and Romans; (2) to trace the rise of the various Jewish sects. A knowledge of the outward political fortunes of the Jews, as well as the movement of Jewish thought in this period is of great importance for an intelligent understanding of the ministry of Christ and His apostles.

Prerequisite, courses 1 and 2. Second semester, two hours a week, two credits.

7. **Oriental History contemporary with the Old Testament.**— PROFESSOR WALLACE
This course includes (1) a study of the history and religion of Babylonia, Assyria and Egypt; (2) the relation of this material to the explication of Old Testament history. The course is based on the histories of Winckler, Rogers, McCurdy and others.

Prerequisite, courses 1 and 2. Second semester of alternate years, two hours a week, two credits.

8. **Biblical Pedagogy and Sunday School Work.**— PROFESSOR WALLACE
This course includes: (1) a study of Jesus as a teacher—a careful consideration of the question, What made Him the Master Teacher of all time?—His mastery of the technique of educational methods as illustrated in the four Gospels; (2) methods of Bible study, teaching and of Sunday school work; (3) the influence of Christianity on the world's education. It is based mainly on the Master and His method (Griffith-Jones), Jesus as a Teacher (Hinsdale), The Making of the Teacher (Brumbaugh), Teacher Training with the Master Teacher (Beardslie), supplemented by lectures.

Second semester, two hours a week, two credits.

9. **Review of Old Testament History.**— PROFESSOR WALLACE
This is offered in lieu of course 1 to college students who have had little or no opportunity of pursuing a consecutive study of Old Testament history before entering college. The history of Israel is pursued from the founding of the kingdom under Samuel till the fall of Jerusalem, by close consecutive study of Samuel I and II, Kings I and II, Ezra and Nehemiah.

One year, two hours a week, four credits. Elective either semester.

10a. Apologetics.— PROFESSOR MCRAE

A brief exposition of Christian theism. History of the presentation and defense of Christianity with special emphasis on the important episodes from the time of the early contact with Greek philosophy down to the modern adjustments with natural sciences, philosophy, sociology, and comparative religion. An analysis of the changing elements and the permanent elements in the various methods of commending the Christian religion.

First semester, three hours a week, three credits. Not offered 1918-1919.

10b. Comparative Religion.— PROFESSOR MCRAE

A study of the great religious systems of the world including Hinduism, Buddhism, Zoroastrianism, Confucianism, Taoism, Shintoism and Islam; with readings from the sources. An analysis of the elements common to these systems and Christianity, and of the elements that are peculiar to Christianity. An examination of certain modern cults that have borrowed extensively from one or more of the above systems.

First semester, three hours a week, three credits.

11. Philosophy of Religion.— PROFESSOR MCRAE

This course is supplementary to the courses in apologetics and comparative religion. It treats of the philosophical foundation for the validity of religious faith; nature and the supernatural freedom; personality; spiritual values; the highest good—all with special reference to Christianity and the Christian world view.

Second semester, three hours a week, three credits.

12. International Lessons.— PROFESSOR WALLACE

A course in the International Sunday School lessons. The aim of this course is to study the setting of the lesson, make careful analysis of the materials and discuss the pedagogical teaching of the lesson.

One year, one hour a week, two credits.

13. Missions.— MRS. WILLIAMS

(a) The Home Base and Latin America—deals with the responsibility of the church to foreign missions—resources, aims, methods and educational policies. The study of Latin America includes the character of the countries, races, languages, religions, problems of its statesmen, explorations,

international and immigration relationships, and missionary enterprises. Lectures and textbooks.

First semester, two hours a week, two credits.

(b) Africa—includes the study of the continent, races, languages, explorations, political divisions, international relationships, bearing on world questions, educational and religious enterprises. Lectures and textbooks.

Second semester, two hours a week, two credits.

14. The Bible by Periods.— MRS. WILLIAMS

This course is a study of the Bible based on Sells' "Bible Study by Periods" and the Bible text, designed to give to the student a grasp of Bible content; the great epochs, their meanings, how and why they follow each other and their purposes; and an understanding of God's progressive plan to reveal himself to the world.

One year, two hours a week, four credits.

15. Hebrew.—

If there is sufficient demand for it, instruction will be given in the elements of Hebrew.

Other courses for which credit is given in the Bible Training Department are:—

Greek 9, Greek Testament.
Mental Science and Philosophy 2 and 11.
History 3, The Reformation Period.

16. Lecture Course in Bible Survey.— MRS. WILLIAMS

This course, as its name indicates, is a lecture presentation of the entire Bible, in outline, and intended to give a grasp of the continuous plan of revelation.

Prerequisite, fifty-four credits, second semester, two hours a week, one credit.

Equipment.—This department is equipped with

1. The Kent and Madsen wall maps.
2. The large relief map of Palestine, 8 x 5 feet, published by the Palestine Exploration Society of London.
3. The relief map of Jerusalem and its environs, 4½ x 4 feet.
4. A missionary map of the world, 5 x 9 feet.
5. A chart, 22 x 3 feet, of ancient synchronological history.
6. Religious literature embracing over one thousand volumes.
7. The Thompson Reflectoscope and Stereopticon.

Social and Political Science

PROFESSORS DAVIS, GILLESPIE AND MISS CRIST

The aim of this department is to acquaint the student as far as possible with the whole field of social life and activity.

All the courses may be counted toward a major or minor except 1 and 11, which can only be counted toward a minor. Only three credits will be allowed for courses 1 or 11 if taken in the senior year.

A. Sociology

1. **General Principles.**— PROFESSOR DAVIS
Under this head are included the history, various theories and principles of the science. Important aims are to show the extent of the field, to arouse an interest in the study, and to correct methods of sociological investigation. "Outlines of Sociology" by Blackmar and Gillin will be used as a text book, but other systems will be presented and discussed.

Prerequisite, twenty-four credits. First semester, four hours a week, four credits.

2. **Modern Social Problems.**— PROFESSOR GILLESPIE
A study of the family, growth of population, the modern city, crime, poverty, etc. Much attention will be paid to methods of social relief.

Prerequisite course 1. Second semester, three hours a week, three credits.

3. **History of Socialism.**— PROFESSOR DAVIS
This course will include, (1) the social views of the ancient nations; (2) the ideal republics from Plato down to the present; (3) modern socialistic schemes.

Prerequisite, course 1 Second semester, three hours a week, three credits.

4. **Social Psychology.**— PROFESSOR GILLESPIE
A study of suggestibility, instinct, feeling, sympathy, imitation, conventionality, the crowd, public opinion, etc.

Prerequisite, course 1. First semester, three hours a week, three credits.

B. Economics

11. **General Principles.**— PROFESSOR DAVIS
A general survey is taken of the history, theories and generally accepted principles of the science. The latest edition of "Out-

lines of Economics," by Ely, will be used, supplemented by collateral studies in Adam Smith, Mill, Ricardo, Taussig, etc.

Prerequisite, twenty-four credits. Second semester, four hours a week, four credits.

12. History of Economic Theory.— PROFESSOR DAVIS

This course will trace the development of economic thought in the principal nations of Europe and America, especially in relation to philosophy and conditions of environment. The histories of Haney, Ingram and Gide will be used for reference.

Prerequisite, course 11. First semester, three hours a week, three credits.

13. Financial History of the United States.—PROFESSOR DAVIS

An historical study of public revenues and expenditures, of public debts and of currency and banking in the United States. Special attention is paid to government reports.

Prerequisite, course 11. Second semester, three hours a week, three credits.

14. Business Organization.— PROFESSOR DAVIS

A study of the evolution and nature of business organization, particularly in the United States, and of proposed solutions for the corporation and trust problems.

Prerequisite, course 11. First semester, three hours a week, three credits.

15. The Credit System.— PROFESSOR DAVIS

A study of the present forms of credit and their social and economic significance.

Prerequisite, course 11. First semester, three hours a week, three credits.

16. Elements of Bookkeeping and Accounting.— MISS CRIST

One semester, five hours a week, three credits.

17. Economic History of the United States—

PROFESSOR GILLESPIE

An historical study of American agriculture, commerce, transportation, industry and finance.

First semester, two hours a week, two credits. Not offered 1918-1919.

18. Economic Development of Modern Europe.—

PROFESSOR GILLESPIE

A survey of the manor, gild, mercantilism, industrial revolution and modern European agriculture, commerce, industry, population and labor.

Second semester, three hours a week, three credits. Not offered 1918-1919.

19. History of Commerce.— PROFESSOR GILLESPIE
A general survey of ancient, medieval and modern commerce, with some attention to commercial policy.

Second semester, three hours a week, three credits.

C. Political Science

31. Elements of Political Science.— PROFESSOR DAVIS
The aim is to trace clearly the great and distinctive features in the governments of Europe and of the United States. Professor Gettell's "Introduction to Political Science" will be used as a basis of study.

Prerequisite, course 1. Second semester, three hours a week, three credits.

32. The Progress of Democracy.— PROFESSOR DAVIS
A study in the historical development of democracy from the standpoint of industry, of politics, and of education.

Prerequisite, course 1. First semester, three hours a week, three credits.

D. Legal Science

41. Roman Private Law.— PROFESSOR DAVIS
The object is to acquaint the student with (1) the origin and development of Roman law; (2) its relation to modern systems of State Law.

Prerequisite, course 1. First semester, three hours a week, three credits.

42. International Law.— PROFESSOR DAVIS
A brief course in the outlines of this important subject, offered to meet the increasing interest in international questions.

Prerequisite, course 1. Second semester, three hours a week, three credits. Not offered 1918-1919.

43. Elements of Jurisprudence.— PROFESSOR DAVIS
Holland's "Jurisprudence" is used. The general subjects considered are Laws and Rights, Private, Public and Adjective Law, the object being to acquaint the student with the principles of fundamental law in their historical development and their practical application to the several phases of social life.

Prerequisite, course 41. Second semester, three hours a week, three credits.

Vocation

PRESIDENT BESS AND MRS. BESS

The aim of this department is to acquaint students with the elemental laws and data of vocation, modern efficiency and personal, vocational and psychological development, and to teach them how to find themselves.

1. **Vocational Fundamentals.**—The following divisions of the subject will be included in this course: (a) a survey of the general field of vocational and life development. (b) lectures and experiments in methods of study to establish the habits of work for vocation and life. (c) lectures and surveys about college life as applied to the laws of occupation and career. (d) study of vocational and life charts. (e) expository themes to study and record student traits.

   First semester. Required of freshmen, two hours a week, two credits.

2. **Vocational Development.**—The following divisions of the subject will be included in this course: (a) the history of vocational guidance. (b) requirements and characteristics of various vocations. (c) lectures on the knowledge of human nature, and practical experiments in management. (d) occupational research with experimental psychology applied to vocation and personal efficiency. (e) success principles, biography and literature. Reference readings. (f) modern personal, professional, industrial, business and institutional efficiency. (g)psychological tests conducted in the department of psychology, the data to be used with students in this course. (h) estimate and gradings of general traits of students in this course by professors in all departments of the college used as partial data for guidance. (i) personal conferences for the study of each student, and experiments to develop traits for vocational and personal fitness.

   Prerequisite, twenty-four credits. One year, two hours a week, four credits.

Physical Education

(Men)

ADJUNCT PROFESSOR THACKER

All men students registering for the first time are required to report to the Physical Director within two weeks from the opening of the

college session for assignment to the proper work in athletics and their registration will be regarded as provisional until this requirement is met.

1. **Personal Hygiene.—**
A study of the biological and physiological aspects of the growth and development of the body. Besides taking up the general study of the hygiene of the different organs, special attention will be paid to the relation of exercise and physical training to the laws of health and physical development. A part of the time will be devoted to the study of the various corrective measures that are practical in overcoming defects in growth and improper functioning of the different organs. This is a text book course.

First semester, one hour a week, one credit on completion of course 2. Required of all men of the freshman class.

2. **Physical Training.—**
Light apparatus, calisthenics, gymnastic games in which individuals will be given an opportunity to lead and conduct classes under supervision. Those who care to do so will be given an opportunity to take up the heavier apparatus work and tumbling. Required of freshmen and sophomores from Thanksgiving to Easter.

Two hours a week, no credit.

3. **Coaches, or Teachers' Course.—**
For those upper classmen who expect to teach and have the supervision of athletics or physical training in high schools. All of the common athletic games will be taken up with the idea of their adaptation to the needs of those of high school age.

(Women)

ADJUNCT PROFESSOR WHITRIDGE

1. **Personal Hygiene.—**
Short talks on the functions of the skin, the physiologic effects of water, hot and cold; bathing; care of the face; care of the hair, the hands, the feet; care of the mouth and teeth and their relation to good digestion; over-eating and intestinal indigestion; fresh air; ventilation of bedrooms; care of the ears, throat and nose; deep breathing; the foot and the shoe; dress.

2. Physical Training.—

1. Corrective exercises.—Walking, standing and sitting. Elementary work in stall bars, Indian clubs, bar bells, and bounding balls.
2. Parallel bars, ladder and incline rope.
3. Folk dancing.

Required, freshmen, one year, two hours a week, one credit.

SHAW FIELD

Macalester College
Conservatory of Music

N. W. Phone, Midway 2656
Wallace Hall, Summit and Macalester Avenues

HARRY PHILLIPS
Director of Conservatory

MABEL R. REED
Secretary

Faculty

HARRY PHILLIPS, Mus. M., Director*
Voice Culture.

GEORGE HERBERT FAIRCLOUGH,* Mus. M.
Piano, Organ, Theory.

HELEN E. BRIGGS,*
Piano, Normal.

ANNA D. McCLOUD*
Voice.

EMILY GRACE KAY,*
Piano, Public School, Harmony.

BESSIE A. GODKIN,†
Piano.

LOUIS JACOBI,†
Violin.

MYRTLE WEED,†
Piano.

MABEL R. REED,†
Piano

MARGARET MOUNT,†
Assistant in Piano.

LEONARDO DE LORENZO,*
Flute.

J. GRANT DENT,†
Cello.

MRS. F. J. MENGER,
History of Fine Arts.

EMMA GREENE,†
Guitar, Banjo, Mandolin, Ukulele.

Leading instructors for all other instruments.
*American and European education.
†American education.

Course of Study

The Conservatory of Music offers a thoro course of instruction in voice, piano, organ, violin and other stringed instruments; also a theoretical course including harmony, counterpoint, composition, musical history and analysis. In each branch of musical study a systematic course, leading to graduation, will be pursued. Time required for completion varies—the length of course depending on the pupil's ability and intelligent devotion to work.

Entrance.—Pupils who expect to graduate must enter at the beginning of the school year. Those not wishing to graduate may enter at any time in the year.

Upon entrance pupils are examined, classified and placed in their fitting grade, by the director.

Teacher's Certificate.—Teachers' certificates will be given to all pupils who have taken the Normal course and completed the junior year in full to the satisfaction of their individual teachers.

Diploma from the Conservatory of Music.—A student, to receive a diploma, must have completed the work of the senior year in full, written a graduating thesis, given a whole or such part of a program as the director may decide upon, and taken part in the graduating program of the Conservatory of Music.

Diploma with the Degree of Bachelor of Music.—Candidates for the degree of Bachelor of Music are required to take at least fifty semester hours of strictly college work (including history of art and physical training) and at least seventy hours of music. All college entrance requirements must be met and the credits for them presented to the Registrar of the College. Exceptions to the general graduation requirements, in the case of candidates for this degree, are a requirement of eight credits in religious education and of at least two years of a modern language in college. Such as have no modern foreign language upon entering must take three years of such language in college. Students electing Voice are strongly urged to take two years each of French and German.

The following college subjects are required for this degree: English, six credits; Religious Education, eight credits; Modern Foreign Language, fourteen credits (if deficient at entrance, three years); History of Art, four credits; Physics 6, two credits. In addition to the above required credits, electives sufficient to make a total of fifty credits.

Music subjects are required as follows: Harmony, Counterpoint, Composition, and Orchestration, sixteen credits; History of Music, eight credits; Appreciation, four credits. In addition to the above there are required a major of twenty credits, and a minor of twelve credits. Electives may be chosen from Voice, Organ, Piano, Violin, Public School Music, to complete the requisite number of credits.

In order to make such a course profitable, it is naturally required that the student give evidence at entrance of a sufficient preparation in some branch of music.

Special courses are offered those living in the city who do not wish to take the regular course.

Standardization of Music Teaching.—Macalester Conservatory, after thoro investigation, has adopted the Godowsky Progressive Series of Music Lessons, now being used by 4,000 educational institutions, conservatories and music teachers of America, as the standard for music credits. A number of states have placed music study, when carried on systematically, on an equal basis with the study of all other branches of learning and allow it full credit.

In 1916, the Cornell University Official Announcement stated: "Standardization of music teaching and of credits for the study of music, are subjects receiving attention by the educational authorities thruout the country. It will soon be the rule, rather than the exception, to give credits toward graduation for the study of music. The Progressive Series of Piano Lessons makes possible the standardization of music teaching and solves most of the difficulties which have hitherto prevented the adoption of a system of credits for study of music."

In its editorial staff andlist of contributors are assembled twenty eminent musicians and educational authorities, the greatest aggregate of musical and pedagogical intellect and talent ever gathered in a combined effort to further the cause of musical education.

The editor-in-chief is Leopold Godowsky, the renowned artist and composer, now at the very height of his powers. His improved methods of study are fully set forth in the Progressive Series. The principles of the other world "methods" are also shown. The associate editors are Edgar Stillman Kelley, one of America's foremost composers, Josef Hofmann and Emil Sauer, the famous pianists.

Godowsky himself says, "We have striven to make it an educational work in the form of a progressive and complete series, that, from both an artistic and pedagogical standpoint, would be superior to anything ever offered to the public."

Graduates will receive not only the diploma of the Conservatory, but also the certificate of the Course. We wish to impress upon the parents and pupils that the use of this series will in no way interfere with either the individuality of the pupil or the particular views of any individual teacher.

Mr. Fairclough, Miss Briggs, Miss Weed and Miss Reed will instruct in the Progressive Series, a valuable addition to our regular work, which has been so generously approved by the music-loving public of the Twin Cities. The enrollment in the Conservatory is larger than last year, in spite of the general depression caused by war conditions.

Voice

In the department of vocal music, those methods which experience justifies as being at once effective and artistic in their results have been adopted. It is the policy to secure a systematic and thoro culture on the basis of the best methods.

Intermediate Year.—Vocalises by Sieber, Concone, and the study of songs, ballads by Larsen, Grieg, Buck, Gounod and others, makes the first year's work complete.

Junior Year.—Studies in phrasing and rapid execution, German Songs by Mozart, Schubert, Schumann, Liszt, Franz, Beethoven, etc., also some of the lighter selections from the operas.

Senior Year.—Oratorio in all forms, Bach, Haydn, Handel, Mendelssohn, Gounod, Verdi. Selections from the heavier operas and songs of the modern school. Frank, Wolf, Homer, Tours, Massenet, Dvorak, Ronald, Nevin, Ganz.

Every student graduating in vocal music must have at least one year of French.

Graduate Course.—Aims to develop the artistic sense to a still greater degree, according to art traditions.

Pianoforte

Individual instruction is given and the regular course calls for one hour's instruction a week, divided into two lessons of thirty minutes each. Where but one lesson a week is taken, the lesson will be forty-five minutes in length.

Preparatory.—Thoro grounding in hand, finger and arm training. Rudiments of music. Easier studies to suit capabilities of each pupil. Pupils are thoroly prepared for the entrance into the three years' course.

Intermediate.—Czerny, Velocity Studies; Bertini, Loeschorn, Heller, etc.; Bach—Little Preludes and Fugues; Sonatinas and Easy Sonatas.

Junior Year.—Czerny, Op. 740; Cramer-Bulow, Fifty Selected Studies; Heller, MacDowell, etc.; Bach, Two- or Three-Part Inventions, French Suites; Sonatas of Mozart, Haydn and Beethoven.

Senior Year.—Clementi, Tausig, Gradus ad Parnassum, Czerny, Op. 740, Chopin Etudes, Kullak Octave School, Bach's Forty-eight Preludes and Fugues; Sonatas and Concertos of Beethoven and other masters. Repertoire from classical and modern composers.

In each grade, suitable pieces will be given as the pupil is ready for them.

Postgraduate.—Advanced work. Continuation of previous year. Concertos (with second piano or orchestra accompaniments).

Violin

The violin department has become a leading feature in the musical life of all conservatories. Year by year the number of violin students is increasing. To keep pace with the demands of the time, this department of our school has been developed until today it presents exceptional advantages for the study of what is called "the most perfect musical instrument known."

The violin course is not expected to be followed strictly, nor does it claim to be complete. In the private lessons each pupil can be favored with studies which suit his or her special requirements. With the technical course a selection of compositions from the whole range of violin literature up to the present time will be used. These will be chosen from the representative composers of the different periods and schools, with the intention of giving the pupils a knowledge of the individual interpretation of each kind.

Scales, bow and finger exercises will be used as needed to meet the requirements of the various pupils.

Pipe Organ

Before beginning the study of the pipe organ the student should have had at least one year's instruction on the piano and should have a thoro knowledge of the rudiments of music.

Public School Music

This is a two-year course. Entrance to the course requires that the student have a diploma from an accredited high school. Under certain conditions, this course may form a portion of the work for the regular diploma of the Conservatory of Music.

First Year.—The following subjects are required: Sight-singing, Ear Training, Voice Culture, History of Education, Psychology, Harmony 1, a modern language or its equivalent, Piano, unless able to play third grade music, in which case candidate may be excused from further study of that instrument. It is very desirable that a student be able to teach some high school subject or drawing in connection with Public School Music. (College students will take the regular college course in psychology; music students, a special course at the conservatory.)

Second Year.—The following subjects are required:

a. Sight-singing, Ear Training, Harmony 2, History of Music, Appreciation of Music, Piano, unless able to play third grade music, a modern language or its equivalent.

b. School room teaching, five periods weekly.

The study of voice will be required of pupils in public school music to meet this demand.

Sight Reading

All pupils of vocal music must have at least one year of sight reading before receiving either a teacher's certificate or diploma. The cost of these lessons will be nominal. It is impossible to sing correctly and effectively at all times without an exact and practical knowledge of music and its notations.

Normal Training

The demand of the times is for musicians equipped not only technically, but also in the art of imparting instruction. Most students, in starting to teach, possess but the points, given them by their instructors, in regard to their individual work. As these may not apply to the general needs of their pupils, a course in the art of teaching is almost indispensable.

Normal Piano Training Course for Prospective Teachers.—One year course with Certificate for advanced and senior students of piano.

Post-graduate Certificate Course for young teachers.

(For College Credits see College Catalog.)

Text book work, practice teaching.

Lectures.—Technical Theories, Various Types of Pupils, Elementary Foundation Work, Development of Original Musical Ideas, Tonality, Methods, Material for Teaching, Interpretation, Memorizing, Educative Principles, etc., etc.

Ear training, analyzing and psychology are a part of this course. (College students will take the regular college course in psychology; music students, a special course at the conservatory.)

Normal Courses in Voice and Violin may also be taken.

Ensemble

The study of chamber music is a very important one to the advanced student of any instrument. The impetus to more thoro practice, mental activity, development of rhythm and color, and an insight into this particularly rich field of musical text, is of untold value. Both classic and modern music is studied. Students who come mainly for the study of piano, violin or any other instrument should, if possible, arrange for some work in this line.

Harmony

The "Upton" system of key-board harmony will be used. Harmony study is too apt to be purely theoretical and therefore of comparatively slight value to the average student. Believing that a course has been found that will be first, last and always of practical value to the performer, since all the work is done at the instrument, we are offering this advantage to our students. Results obtained in other institutions substantiate all the claims made for the system. The student uses with fluency all the triads and seventh chords, modulates to all keys with ease, is familiar with altered chords, and suspensions, in short with all the subjects covered in any harmony course. He is enabled to transpose music as easily as he plays it in the original key. As memorizing is a great feature of the course it becomes an easy and natural process. Very young children are enabled by this course to produce compositions of real merit.

Theory

The importance of exhaustive and thoro work in the various theoretical studies cannot be too strongly emphasized. A rudimentary or fundamental course should precede ear training, sight singing, harmony, analysis, counterpoint (simple and double), canon and fugue (the supreme contrapuntal forms), orchestration and composition.

Appreciation of Music

First Year.—This is a study of the form and meaning of music and follows closely the text used, "Appreciation of Music" and Supplement, by Surette and Mason. A preliminary study of the instruments of the orchestra is given, preparatory to the concerts of the Minneapolis Symphony Orchestra, which our students are encouraged to attend. Required for graduation from Conservatory of Music.

Second Year.—This is a continuation of Appreciation of Music 1, and is a thoro study of Romantic and Modern forms since the time of Beethoven. The study is based on "Appreciation of Music," volume 2, by Surette and Mason, and "What We Hear in Music" by Faulkner. Talking machine records are freely used. Required for graduation from the Conservatory of Music.

History of Music

First Year.—Study of beginnings of music thru the Classical Period, including the history and development of instruments. The text-book used is "Essentials in Music History," Tapper and Goetschius. The College library has a good collection of reference works on music and our students have access to the fine collections in the public libraries of St. Paul and Minneapolis. A trip is made annually to the Raudenbush piano factory in St. Paul to see the process of making a piano. Required for graduation from Conservatory of Music.

Second Year.—This is a continuation of History 1, studying the development of music from the Romantic Period to our own day. By means of the talking machine records many operas, oratorios, symphonies, songs and piano compositions are studied. Required for graduation from Conservatory of Music.

History of Fine Arts

The study of the allied arts is of great cultural advantage to the musician in the development of artistic tastes. Instruction in the way of weekly illustrated lectures is given by Mrs. Menger.

Student Recitals

These opportunities for public performance are helpful in overcoming natural diffidence and nervousness, and in giving that confidence and poise so necessary to the successful player and singer.

Pupils also gain an ever-increasing knowledge of musical text, aside from that with which they come in contact in their own study. The instructors allow only such students as have reached a certain degree of proficiency to appear in recital.

Euterpean Society.—A conservatory organization which brings the pupils together for social and musical recreation. Its object is to create good fellowship and musical development. The programs are varied and interesting. Students receive admission into this society by invitation. The dues are fifty cents a semester.

Terms for Instruction

Per Semester

Tuition prices vary with the grade and the teacher.

Voice	$100.00 to $30.00
Piano	63.00 to 22.00
Pipe Organ	72.00 to 45.00
Violin	72.00 to 20.00
Ensemble	25.00
Harmony	20.00
History of Music	6.00
Appreciation of Music	5.00
Public School Music	35.00
Normal Training	35.00
Sight Reading	4.50

Piano Practice, per hour	$4.50	Organ Practice, per hour	12.00
Incidental Fee	.50	Cost of Graduation	10.00

College fees for conservatory students taking college work are paid at the beginning of each semester before completion of registration and strictly in advance, as follows:—

Tuition (five to eight hours per week) $20.00

Discount will be allowed on tuition bills for two or more studies paid a year in advance.

Honorary Degrees

Conferred by Macalester College

1901: D. D. to Rev. Charles Thayer, Ph. D.....Deceased
D. D. to Rev. George W. Davis, Ph. D...St. Paul, Minn.

1902: D. D. to Rev. H. F. Stilwell.....St. Paul, Minn.
D. D. to Rev. J. Le Moyne Danner.....Indianapolis, Ind.
LL. D. to Hon. Thomas Wilson.....Deceased

1903: D. D. to Rev. Joseph Cochran, Macalester, '89.....
.....Philadelphia, Pa.

1904: D. D. to Rev. Stanley B. Roberts.....Minneapolis, Minn.
M. A. to Myron A. Clark, Macalester, '90.....
.....Coimbra, Portugal

1905: D. D. to Rev. Charles F. Hubbard.....Auburn, N. Y.

1906: D. D. to Rev. Donald D. McKay.....Tacoma, Wash.

1907: D. D. to Rev. Archibald Cardle, Macalester, '94.....
.....Burlington, Iowa

1910: D. D. to Rev. Charles T. Burnley.....Deceased
D. D. to Rev. Alfred E. Driscoll.....Ashland, Wis.
D. D. to Rev. William Porter Lee, Macalester, '89.....
.....Germantown, Pa.
D. D. to Rev. Harry Clinton Schuler, Macalester, '95....
.....Resht, Persia
D. D. to Rev. John Hansen Sellie, Macalester, '95.....
.....Buffalo, Minn.

1911: D. D. to Rev. Charles Allen Clark, Macalester, '99.....
.....Seoul, Korea
LL. D. to Rev. Albert Brainerd Marshall, D. D.....
..... Omaha, Neb.
LL. D. to Rev. George Livingstone Robinson, Ph. D., D. D.
.....Chicago, Ill.

1914: D. D. to Rev. George Ewing Davies..Salt Lake City, Utah
D. D. to Rev. Joseph Carle Robinson.....
.....White Bear Lake, Minn.
LL. D. to Hon. James Jerome Hill..... Deceased

1915: Litt. D. to Rev. John Wright.....St. Paul, Minn.
D. D. to Rev. William C. Laube '01 .....Dubuque, Ia.

1916: Mus. M. to Harry Phillips.....Minneapolis, Minn.
Mus. M. to George H. Fairclough .....St. Paul, Minn.

Alumni

Alumni Association

It will be esteemed a favor if each alumnus who changes his residence will notify the President of his new address. Information from any source that will assist in keeping this roll complete will be appreciated.

The Alumni Association of Macalester College has two purposes in view: to bind into a unit the graduate body and help to preserve and increase the value of the friendships formed in College, and to further the interests of the Alma Mater and make her more widely known. Communications to the Alumni Association should be sent to the college.

Officers

W. M. Hobart.....President
H. D. Funk.....Vice-President
O. R. Tripp.....Secretary
Isabelle Elmer.....Treasurer

Roll of Alumni

Class of 1889

George Washington Achard.....Business, Minneapolis, Minn.
Joseph Wilson Cochran.....Minister, Detroit, Mich.
Ulysses Grant Evans.....Minister, Blairstown, Iowa
James Chase Hambleton.....Teacher, Columbus, Ohio
Benjamin Wallace Irvin.....Deceased
Samuel M. Kirkwood.....Surgeon, Absarokee, Mont.
William Porter Lee.....Minister, Germantown, Pa.
Paul Erskine McCurdy.....Business, Philadelphia, Pa.
Louis Ferdinand Slagle.....Deceased
Charles Albert Winter.....Deceased

Class of 1890

Myron A. Clark.....National Sec. Y. M. C. A., Coimbra, Portugal
Thaddeus T. Cresswell..... Minister, Eagle Rock, Cal.
John Knox Hall.....Missionary, Denver, Colo.
William Henry Humphrey.....Deceased
William Paul Kirkwood.....Professor, U. of M., St. Paul, Minn.
Amos Avery Randall.....Deceased
Judson L. Underwood.....Missionary, Ashland, Kan.

Class of 1891

Frank Brown.....Principal, Chicago, Ill.
Walter F. Finch.....Minister, Minneapolis, Minn.
Walfred Sunberg.....Deceased
William B. Turner.....Business, Boston, Mass.
Thomas C. Williamson.....Business, Winnebago, Minn.

Class of 1893

James Carlisle Simonton.....Business, Minneapolis, Minn.
Joseph Zoll..... Address unknown.

Class of 1894

Francis W. Beidler.....Minister, Mosco, Colo.
Archibald Cardle.....Minister, Burlington, Iowa.
Paul A. Ewert.....Attorney, Joplin, Mo.
George E. Johnson.....Business, Sayre, Okla.
Samuel M. Marsh.....Minister, Brown's Valley, Minn.
William H. Sinclair.....Minister, Clarksville, Iowa

Class of 1895

Frank E. Balcome.....Physician, St. Paul, Minn.
John W. Christianson.....Minister, Veblin, S. D.
Thomas Fitz-Morris Clark.....Deceased
Charles D. Darling.....Minister, Roswell, N. M.
Edwin Howard Gordon.....Deceased
Harry Clinton Schuler.....Missionary, Resht, Persia
John Hansen Sellie.....Minister, Buffalo, Minn.
Arthur Whitney Vance...City Editor, Daily News, St. Paul, Minn.

Class of 1896

Alexander Edward Cance, Prof., Mass. Agr. College, Amherst, Mass.
Moses M. Maxwell.....Deceased.
Samuel F. Sharp.....Minister, Exeter, Ontario, Can.

Class of 1897

Albert Ernest Evans.....Minister, Sunset, Wash.
Charles W. Hansen.....Deceased
Ernest Charles Henke.....Minister, Baraboo, Wis.
George Leck.....Deceased
John McLearie, Professor, State School of Mines, Rapid City, S. D.
Winifred Moore-Mace.....Walton, N. Y.
Arthur A. Palmer.....Minister, Newberg, Ore.
Charles Petran.....Missionary, Mexico City, Mexico
Louis B. Sherwin.....Minister, Two Harbors, Minn.
William K. Sherwin.....Teacher, Barnum, Minn.
Arthur G. Welbon.....Missionary, Andong, Korea

Class of 1898

Clarence Dwight Baker.....Deceased
Charles Warren Dade.....Business, Rugby, N. D.
Anna Moore Dickson.....Teacher, St. Paul, Minn.
Caspar Gregory Dickson . . Clerk Library of Congress, Washington
Nellie M. Flanders-Sherwin.....Barnum, Minn.
John M. Guise.....Principal, St. Paul, Minn.
Carlton Leslie Koons.....Minister, Ashland, Wis.
Robert C. Mitchell.....Minister, Estherville, Iowa
William James Mitchell.....Minister, Odebolt, Iowa
David Walter Morgan.....Minister, Nioto, Ill.

Class of 1899

Hugh S. Alexander. . Professor, Macalester College, St. Paul, Minn.
Walter Baker Augur.....Minister, Jasper, Minn.
Charles Allen Clark.....Missionary, Seoul, Korea
Ralph Elmo Clark.....Teacher, Calgary, Alberta, Can.
Paul Doeltz.....Missionary, Iloilo, Philippine Islands
George C. Edson.....Minister, Hasbrouck Heights, N. J.
Thomas George Jamieson.....Business, Calgary, Can.
Almira F. Lewis.....Denver, Colo.
Robert Morris Lutz..... Business, San Rafael, Cal.
James Murray.....Minister, Othello, Wash.
Samuel Merton Pinney.... Superintendent, Montgomery, Minn.
Jacob Elmer Smits.....Deceased
George Stanley.....Minister, Bloomington, Minn.
Murray Alberton Travis.....Minister, Collegeport, Texas

Class of 1900

John Calvin Abels.....Minister, Cristobal, Canal Zone
Miles Strong Grimes.....Minister, Lyon Falls, N. Y.
Ralph Emerson Herron.....Business, Lordsburg, N. M.
John Robert Landsborough.....Minister, Oregon City, Ore.
Ernest A. Oldenburg.....Minister, Hastings, Minn.
Mathilde Pederson-Romunstaad.....Deceased
Irving David Roach.....Business, Azusa, Cal.
William James Sharp.....Minister, Ellensburg, Wash.
Roy Walker Smits.....Deceased
David A. Thompson.....Minister, Portland, Ore.

Class of 1901

William Beckering.....Deceased
Louis Benes.....Minister, Armour, S. D.
Henry Roy Bitzing.....Lawyer, Mandan, N. D.
Percy Porter Brush.....Lawyer, Kelso, Wash.
Charles Morrow Farney.....Business, St. Paul, Minn.
Henry D. Funk.....Professor, Macalester College, St. Paul, Minn.
Nathaniel E. Hoy.....Meadow, S. D.
Lewis Hughes.....Teacher, Ottawa, Minn.
Richard U. Jones....Professor, Macalester College, St. Paul, Minn.
William C. Laube.....Professor, Presb. Sem., Dubuque, Iowa
Millicent V. Mahlum-Kelts.....Columbus, Mont.
William H. Travis.....
Pres. Gulf Coast University of Industrial Arts, Collegeport, Tex.
Lily Bell Watson.....Macomb, Ill.

Class of 1902

Frederick Brown.....Deceased
Robert L. Davidson.....Teacher, Kent, Wash.
Sarah A. Haines-Corsan.....Seattle, Wash.
Grace Iddings-Fletcher.....Grand Forks, N. D.
Leonard L. Mann.....Minister, Ipswich, S. D.
Francis H. Newton.....Minister, Creston, Wash.
Winifred R. Pringle-Weber.....Coeur d'Alene, Idaho
Edgar E. Sharp.....Lawyer, Moorhead, Minn.
Benjamin Bruce Wallace, Instructor, N. W. University, Evanston, Ill.
Helen Margaret Wallace-Davies.....Carmi, Ill.

Class of 1903

John Morton Davies.....Minister, Carmi, Ill.

Bessie Shepherd Doig-Jacobson.....Knoxville, Iowa
Julia Anita Elmer.....Teacher, St. Paul, Minn
Peter Erickson.....Minister, Minot, N. D.
Ebenezer Thomas Ferry.....Minister, Fergus Falls, Minn.
Emma Inez Godward-Davies.....St. Paul, Neb.
Robert McMaster Hood.....Minister, Manteca, Cal.
Peter Westin Jacobson.....Minister, Knoxville, Iowa
Raymond Lewis Kilpatrick.....Engineer, Sulzer, Alaska
Donald Norman MacRae.....Minister, Mitchell, Ont.
Henry Morgan .....Teacher, Washburn, N. D.
Joseph E. Rankin.....Minister, Howard Lake, Minn.
Mary J. Rankin.....Missionary Teacher, Sneedville, Tenn.
Max M. Wiles.....Minister, Virginia, Ill.
William H. Weber.....Business, Coeur d'Alene, Idaho

Class of 1904

Grace Ivanore Chapin-Sharp.....Moorhead, Minn.
Peter Arthur Davies.....Minister, St. Paul, Neb.
Thomas Hunter Dickson.....Physician, St. Paul, Minn.
Margaret Evans-Detweiler..... Santurce, Porto Rico
William Horatio Kendall.....Minister, Farmington, Ill.
Alfred Edward Koenig....Instructor, U. of Wis., Madison, Wis.
William Oliver Rothney.....Inspector of Schools, Quebec, Can.
Henry John Voskuil.....Missionary, Amoy, China
Tolbert Watson.....Physician, Albany, Minn.
Mabel Wicker .....Teacher, Dawson, Minn.

Class of 1905

John Thomas Anderson.....Minister, Reading, Minn.
Earl Kenneth Bitzing.....Editor, Mandan, N. D.
Eugene Erwin Bromley.....Minister, Cosmopolis, Wash.
Isabelle Allison Elmer.....St. Paul, Minn.
Asa John Ferry.....Minister, Philadelphia, Pa.
Thomas Edwin Flinn.....Physician, Redwood Falls, Minn.
Ledru Otway Geib.....Physician, Detroit, Mich.
Mary Carnahan Guy-Shellman....Missionary, Pitsanuloke, Siam
Marie Grace Jamieson-Smith.....Lewisville, Ind.
Daniel Griffin Le Fever.....Business, Minneapolis, Minn.
James Albert Slack.....Minister, Powell, Wyo.
Robert Owens Thomas.....Chicago, Ill.
Jane Turnbull .....Teacher, Marshall, Minn.

Class of 1906

Levi H. Beeler.....Winthrop College, Rock Hill, S. C.
James Ekin Detweiler.....Missionary, Yamada, Japan
James Hamilton.....Minister, Hebron, Neb.
Roscoe Cliver Higbee .....Principal, St. Paul, Minn.
Alexander Hood.....Missionary, North Fork, Cal.
Albert Kuhn.....Professor, Presby. Sem., Dubuque, Iowa
Paul H. Th. Rusterholz .....Teacher, St. Paul, Minn.
Ruth Estelle Swasey-Rusterholz .....St. Paul, Minn.
Gordon Graham Thompson.....Physician, Seattle, Wash.
Frank Harvey Throop.....Missionary, Soo Chow, China
Margaret Turnbull.....St. Paul, Minn.

Class of 1907

William Harvey Amos .....Minister, Portland, Ore.
James Albert Caldwell.....Principal, Tower City, N. D.
Robert W. Davies .....Superintendent, Shakopee, Minn.
Josephine Elmer-Ballou.....Rochester, Minn.
Marshall Gregory Findley.....Business, New York City
Richard David Hughes.....Minister, Chicago, Ill.
Martha Antoinette Jacobson-Maitrejean.....St. Paul, Minn.
Henrietta Cecelia Lundstrom.....Teacher, Morris, Minn.
Rose Amelia Metzger-Nutt.....Sidney, Mont.
David McMartin.....Minister, Leadville, Colo.
Rhoda Catherine MacKenzie.....Nurse, San Francisco, Cal.
Richard Samuel Nutt .....Banker, Sidney, Mont.
Ole Johnson Oie.....President Theo. School, Christiania, Norway
William Fred Pottsmith .....Minister, McMinnville, Ore.
Mary Pauline Payne-Healy.....Mapleton, Minn.
Minerva Schlichting.....Deceased
Ruth Adelia Sherrill .....Teacher, Fergus Falls, Minn.
Mary Helen Smith-Jones..... St. Paul, Minn.
George Hill Smith.....Business, Excelsior, Minn.

Class of 1908

George Kemp Aiken.....Editor, Ontario, Ore.
Hanna Sophia Berg.....Teacher, Rush City, Minn.
Ralph Brinks.....Lake Benton, Minn.
Richard Stanley Brown .....Minister, Fargo, N. D.
Edith Frederica Cale.....Deceased
Clifford Clement Cornwell.....Minister, Sherman, N. Y.

Evan Milton Evans.....Lawyer, Middle River, Minn.
Rosella Evans-Griffith.....Ottawa, Minn.
James Todd Guy.....Lawyer, Milwaukee, Wis.
Mary Elizabeth Guy-Wallace.....Preston, Minn.
Walter Mell Hobart.....Business, Minneapolis, Minn.
Lucy Ma Belle Hyslop-Flinn.....Redwood Falls, Minn.
Nina Foy Johnson-Wallace.....Roseburg, Ore.
Margaret Edith Lakey-McDonald.....Walhalla, N. D.
Peter McEwen.....Minister, Earl Park, Ind.
Luke Edward Marvin.....Business, Duluth, Minn.
Martha Bessy Olson-Bromley.....Cosmopolis, Wash.
Stanley Hall Roberts.....Chaplain, U. S. Army
Lydia Anna Schroedel-Hobart.....Minneapolis, Minn.
Clarence Mason Stearns.....Business, St. Paul, Minn.
Robert Sinclair Wallace.....U. S. Forest Service, Eugene, Ore.

Class of 1909

Emma Bertelle Barker-Marvin.....Duluth, Minn.
Lucas H. Brinks.....Business, Independence, Kan.
Albert Daniel Davies.....Business, Minneapolis, Minn.
David Roy Jones.....Minister, Bowling Green, Mo.
Lulu Lane Piper-Aiken.....Ontario, Ore.

Class of 1910

George Samuel Barclay Acheson.....Y. M. C. A., Portland, Ore.
William Jefferson Bell.....Minister, Mountain Iron, Minn.
Joseph Vaclav Beran.....Business, Hibbing, Minn.
Charles Taylor Burnley.....St. Paul, Minn.
Edward John Carson.....Minister, Raton, N. M.
John Andrew Evert.....Physician, Brainerd, Minn.
June Rose Evert-Lanterman.....Mandan, N. D.
Albert Howard Gammons.....Minister, Jacksonville, Ore.
Jesse Willis Hamblin.....Minister, Cass City, Mich.
Stanley Hurlbut Hodgman.....Lieutenant U. S. Army
William Andrew Horne.....Minister, Calvin, N. D.
Helen Mary Hunt-Bell.....Mountain Iron, Minn.
Edward Henry Joesting.....St. Paul, Minn.
John Archibald McEwen.....Minister, Hannaford, N. D.

Sarah Grace McMartin-Carson.....Minneapolis, Minn.
Pearl Alma Nash-Evert.....Brainerd, Minn.
Mildred Gretchen Phillips-Kindy.....St. Paul, Minn.
Minnie Mae Pierson-Evans.....Middle River, Minn.
Mary Elsie Raymond-Muhr.....Eugene, Ore.
Gladys Isabelle Roberts.....Minneapolis, Minn.
Jeannette Paulina Sawyer-Guild.....St. Paul, Minn.
Frederick Samuel Shimian .....Minister, Umapine, Ore.
Elmer Stuart Smith .....Centralia, Wash.
Elizabeth Libby Staples-Brown.....St. Paul, Minn.
Vernon Elliott Stenerson .....Parshall, N. D.
Anna Elizabeth Taylor.....Chicago, Ill.
Norman Kendall Tully.....Minister, Galesville, Wis.
Ruth Minerva von Dorn-Gammons.....Jacksonville, Ore.
June Adelia Woodward.....Granite Falls, Minn.

Class of 1911

William Ernest Baskerville.....Business, St. Paul, Minn.
Charles Bremicker.....Minister, Highland, Wis.
Allan Hill Brown .....Minister, Wheaton, Minn.
Homer Clyde Cardle .....Business, Bemidji, Minn.
Fred F. Carson.....Teacher, Minneapolis, Minn.
Janet Isabella Dodds.....Teacher, Norwood, Minn.
Donald Smith Doty.....Attorney, St. Paul, Minn.
Effie Miranda Ellison-Miner.....La Moure, N. D.
Hulda Olivia Ellison.....La Moure, N. D.
Oscar Melvin Ellison.....Business, La Moure, N. D.
Marjory Lucy Hanson.....Teacher, Corvallis, Ore.
Bayard William Heed .....Business, Ironton, Minn.
Arthur Billings Hunt .....Y. M. C. A., U. S. Army
Ernest Wilburt Johnson. .....Teacher, St. Paul, Minn.
Ina Elizabeth Lindsley.....Marshall, Minn.
Anna Mae Little-Johnson.....St. Paul, Minn.
Luella Irene Murphy-Dickinson.....Pierpont, S. D.
William Earls Noyes .....Teacher, Farmington, Minn.
Adelaide Wadsworth Payne .....Teacher, Long Prairie, Minn.
Russell Stephen Peterson .....Teacher, Grand Meadow, Minn.
Leland William Porter .....Minister, Red Bluff, Cal.
Edna Francis White-Becker.....Amboy, Minn.

Class of 1912

Anna Elizabeth Anderson-Carson ..... Raton, N. M.
Dorothy Elizabeth Baumgart..... Teacher, St. Paul, Minn.
Clara Berdan..... Teacher, Albert Lea, Minn.
James Brinks..... Business, Lake Benton, Minn.
Orville Clifton Cardle ..... U. S. Army
Bessie Florence Clark..... Teacher, Staples, Minn.
Mabel Emma Cosgrove..... Le Sueur, Minn.
Elva May Davis-Westerlund..... Northwood, Ia.
Louise Lombard Davisson-Tripp..... Minneapolis, Minn.
Jessie Ellen Fisher-Thomas..... Minneapolis, Minn.
Clarence Oscar Graue..... Coeur d'Alene, Idaho
Lilah Agnes Holden..... Teacher, Hudson, Wis.
Florence Hunt ..... Teacher, St. Paul, Minn.
Earl Duane Jenckes..... Dispatch, St. Paul, Minn.
Clarence Eugene Johnson..... Wayland, Minn.
Marion Burdick Jones..... Teacher, Glencoe, Minn.
Ruth Anna McKinlay..... Teacher, Medford, Minn.
Clarice Audrey Miller-Noyes ..... Farmington, Minn.
Pearl Margueritte Palmer..... Los Angeles, Cal.
John Gottfried Schmidt..... Teacher, Harlan, Ia.
William Ellison Scott ..... Lieutenant, U. S. Army
Ella A. Stearns..... Jasper, Minn.
Edna Alda Stewart..... Principal, Lake Crystal, Minn.
Cassie Marie Stoddart ..... Teacher, St. Paul, Minn.
Oakley Russell Tripp..... Y. M. C. A., Minneapolis, Minn.
Oscar Westerlund..... Minister, Northwood, Ia.
Muriel Faye Wheeler-Cockram..... Ontario, Ore.
Harry Merrium Willmert..... Business, Blue Earth, Minn.
Ralph Calvin Wilson ..... Lieutenant, U. S. Army

Class of 1913

Enoch Newman Bengtson..... Rush City, Minn.
Ragna Leonora Bye-Klein..... Minneapolis, Minn.
Lenna May Campbell..... Minneapolis, Minn.
Wilfrid Gladstone Campbell ..... Teacher, Superior, Wis
Paul Ephraim Carlson..... Teacher, Montrose, Minn.
Mary Genevieve Carver-Stevens..... St. Paul, Minn.
George Oliver Chase ..... Teacher, Arvilla, N. D.
Leonard Alvin Clark..... Teacher, Hanska, Minn.
Mary Bernice Clark..... Teacher, Annandale, Minn
Emma Joy Frederick..... Teacher, Renville, Minn

William Henry Wallace Holley ..... U. S. Army, Medical Corps
Berenice Antoinette Kellogg-Hamilton ..... Trenton, N. J.
Robert Lloyd Lang ..... Mapleton, Minn.
Del Leslie Laughlin ..... Teacher, Lisbon, N. D.
Grace Eloise McClure-Voss ..... Morris, Minn.
Elmer Shepard MacCourt ..... Dentist, St. Paul, Minn.
Joseph Robert Neller ..... New Brunswick, N. J.
Florence Amelia Otis ..... Teacher, Emporia, Kans.
Norton Walter Peet ..... Deceased
William Conkey Phillips ..... Teacher, Eau Claire, Wis.
Edith Beatrice Pierson ..... Nurse, Minneapolis, Minn.
Ruth Lynn Porter ..... Teacher, Clark, S. D.
Adeline Marie Rosebrock ..... Teacher, Sauk Rapids, Minn.
Mabel Josephine Scott-Peterson ..... Mantorville, Minn.
Ray Simons ..... Teacher, Virginia, Minn.
James Merton Snyder ..... Principal, Fulda, Minn.
Marie Ellen Thomas ..... Teacher, Excelsior, Minn.
Katie Lillian White ..... Teacher, Cleveland, Minn.
Vera May Zimbeck ..... Teacher, Maynard, Minn.

Class of 1914

Carrie Ellen Alvord ..... Teacher, Washburn, Wis.
Richard Harlow Anderson ..... Lieutenant, U. S. Army
Wallace Jay Anderson ..... Missionary, Korea
Harold Harvey Baldwin ..... Minister, Harrisburg, Pa.
Hosea Greenwood Bosley ..... Beaver Creek, Minn.
Arthur George Brown ..... Teacher, Bottineau, N. D.
Truman Dean Brown ..... Teacher, Clinton, Minn.
Margaret Buckbee-Greig ..... St. Paul, Minn.
Lulu Ellen Carey-Graue ..... Coeur d'Alene, Idaho
Howard Edward Clark ..... Lieutenant, U. S. Army
Margaret McGregor Doty ..... Teacher, St. Paul, Minn.
Leslie Lisle Druley ..... Business, St. Paul, Minn.
Vera Margery Dunlap-Marvin ..... St. Paul, Minn.
Lloyd Gilmore ..... Ashland, Mont.
John Leslie Harvey ..... Minister, Roseville, Cal.
Burton Patriquine Holt ..... Minister, Redwood Falls, Minn.
Alice Louise Lindsley ..... Teacher, Amery, Wis.
Bessie Elizabeth Lovell ..... Principal, Jasper, Minn.
Edward Everett McCabe ..... U. S. Army, Aviation Corps
Mable Mohr ..... Teacher, Lidgerwood, N. D.
Esther Neller ..... Teacher, Austin, Minn.

Evelyn Pickthorn.....Brown's Valley, Minn.
Helen Maria Prosser-Pike .....Hutchinson, Minn.
Harold Percy Roberts.....U. S. Army
Gertrude Gray Smith .....Teacher, St. Paul, Minn.
Helen Antonia Stratte.....Dawson, Minn.
Selma Ovidia Stratte-Watkins .....Carlton, Minn.
Florence Adell Switzer-Hamil .....Two Harbors, Minn.
Charles Albert Thomas .....U. S. Army, Signal Corps
Elmer Wilcox Trolander.....Student, U. of C., Chicago, Ill.
Della Ann Trotter-Brown.....Bottineau, N. D.
Lucius Harlow Watkins.....Carlton, Minn.

Class of 1915

Clark Albin Abrahamson.....Towner, N. D.
Paul Benjamin Bremicker.....U. S. Army
Olive Margaret Brown-Staudenmaier.....Minnesota Lake, Minn.
Mary Reid Cardle.....Teacher, Mapleton, Minn.
Edward Maurice Clark....Theological Student, San Anselmo, Cal.
Luella Clara Conley.....Ray, N. D.
Margaret Defiel .....Teacher, St. Paul, Minn.
Josephine Dixon .....Teacher, Elbow Lake, Minn.
Gwendolyn Lotimer Eastman .....Teacher, Alcester, S. D.
Eunice Geer Finch.....Deceased
Alice Julia Flinn .....Teacher, Frazee, Minn.
Edith Almeda Haigh .....Teacher, Dodge Center, Minn.
Hillard Herman Holm.....Minneapolis, Minn.
Catharine Deaver Lealtad.....Teacher, Cincinnati, O.
Mabel Griffiths Montgomery.....Oriska, N. D.
John Samuel Nyquist .....Homestead, Mont.
Emily Helen Payne .....Graduate Student, St. Paul, Minn.
Madge Porter.....Teacher, Langdon, N. D.
Frieda Jeannette Radusch.....St. Paul Park, Minn.
Plato Earl Sargent.....Lieutenant, U. S. Army
Herbert Harrison Sell.....Teacher, Fertile, Minn.
Ruth Virden Slagg.....Pipestone, Minn.
Henry Frank Softley.....Minister, Hastings, Minn.
Gwendolyn Bromley Williams-Slade.....Minneapolis, Minn.
Bert Benjamin Willmert.....Blue Earth, Minn.

Class of 1916

Arthur Glenn Adams.....Theological Student, Chicago, Ill.
Grace Emily Brown.....Teacher, Gaylord, Minn.
Beryl Alberta Brownlee.....Teacher, Jackson, Minn.

Gordon Lyman Brownlee.....Business, Minneapolis, Minn.
George Rowland Collins.....Teacher, Peoria, Ill.
Edna Marguerite Cottrell.....Teacher, Ivanhoe, Minn.
Thomas Crocker.....Theological Student, Chicago, Ill.
Francis Marion Dana.....Graduate Student, Philadelphia, Pa.
Marie Eleanor de Booy.....Teacher, Washburn, Wis.
Margaret Douglass Downing.....Teacher, Paynesville, Minn.
Ruth Marie Featherstone.....Teacher, Albert Lea, Minn.
William Taber Greig.....Business, St. Paul, Minn.
Helen Charlotte Gullikson.....Blue Earth, Minn.
Vergil Homer Guthrie.....Y. M. C. A., U. S. Army
Frank Edward Hall.....Business, Holt, Minn.
Arthur Bristow Hood.....Business, Rapid City, S. D.
Isabelle Howard.....Business, Minneapolis, Minn.
Howard Neff Huelster.....Business, St. Paul, Minn.
Vincent Raymond Hunt.....Teacher, Minneapolis, Minn.
Constance Darling Hunter.....Teacher, Inkster, N. D.
Bertha Mamie Hurr.....Shakopee, Minn.
Gordon Lewis Keeley.....U. S. Army
Christopher Leo Kenny.....Teacher, New Prague, Minn.
Fred Joseph Kenny.....U. S. Army
Thomas Kees Laird.....De Ruyter, N. Y.
David Nathaniel Ling.....U. S. Army, Aviation Corps
John Thompson McCallum.....Teacher, Luverne, Minn.
Jessie Elizabeth McClure.....Teacher, Tower City, N. D.
Emily Lois McConkey-Baldwin.....Harrisburg, Pa.
Erwin Herbert Metag.....Teacher, Cambridge, Minn.
Loana Miriam Miller.....Graduate Student, Minneapolis, Minn.
Anna Seraphina Nelson.....Teacher, Montrose, Minn.
Andrew Hilmer Norum.....Minister, St. Paul, Minn.
Adolf Olson.....Teacher, St, Paul, Minn.
Sadie Porter.....Teacher, Madison, Minn.
Howard Johnson Rankin.....St. Paul, Minn.
Zylpha Lauretta Sharpe.....Teacher, Fairfax, Minn.
John Lyman Sheean.....Cloquet, Minn.
Alice Emma Stearns.....Jasper, Minn.
Olga Constantine Terzieff.....Y. W. C. A., Akron, O.
Stella Alice Tuttle.....Teacher, Granville, N. D.
Vera Marie Utter.....Teacher, Medina, N. D.
William Liston Walker.....Teacher, Plainview, Minn.
Irving Howard Williams.....Minneapolis, Minn.
Margaret Jane Williams.....Teacher, Byron, Minn.

Class of 1917

Effie Alice Adams.....Teacher, Barnum, Minn.
Wylie Gustave Akenson.....U. S. Army
Oscar Lee Black.....Theological Student, Chicago, Ill.
Ellen Mary Chase.....Teacher, Barrett, Minn.
Lajla Marie Dale.....Teacher, Buffalo, Minn.
Gladys Somers Dallimore.....St. Paul, Minn.
Herbert Emil Dierenfield.....Theological Student, Chicago, Ill.
Alice Muriel Everts.....Teacher, Warren, Minn.
Emanuel Ossian Franklin.....U. S. Army
Charles Gerlinger.....U. S. Army, Aviation Corps
Wallace Graydon Gibson.....U. S. Marine Corps
Pauline Hayes.....Teacher, Litchfield, Minn.
Milton Boyce Hebeisen.....Graduate Student, U. of N. D.
Ethelwyn Annette Hopkins.....Teacher, Tracy, Minn.
Charles Stanley Knott.....Theological Student, San Anselmo, Cal.
Violet Helena Knutson.....Teacher, Reynolds, S. D.
John Arthur Lewis.....U. S. Army
Ethel Marie McClure.....Johns Hopkins Hospital, Md.
Swan William Mattson.....Kensington, Minn.
Evelyn Bradbury Page.....Teacher, Osakis, Minn.
Harriet Phillips.....Teacher, Flandreau, S. D.
Esperanza Reina.....Graduate Student, Coe College, Iowa
Joseph Howard Rhoads, Grad. Student, U. of M., Minneapolis, Minn.
Allen John Robertson.....Lieutenant, U. S. Army
Irving John Roth.....U. S. Army, Aviation Corps
Evelyn Mary Rumble.....St. Paul, Minn.
Esther Atta Schumann.....Teacher, Washburn, Wis.
Gertrude Simons.....Virginia, Minn.
Fremont David Taylor.....U. S. Army
Anna Marie Wagner.....Teacher, Tyler, Minn.
Lucille Anna Wilkerson.....Teacher, Hector, Minn.
Clarence Charles Willmert.....Lieutenant, U. S. Army

Alumni of the Conservatory of Music

Class of 1900

Mrs. Maud Taylor-Hansen.....Minneapolis, Minn.

Class of 1901

Millicent Viola Mahlum-Kelts.....Columbus, Mont.

Class of 1905

Grace Taylor-Franklin.....Emerado, N. D.
Mrs. W. H. Amos.....Portland, Ore.

Class of 1906

Carmen Mahlum.....Brainerd, Minn.
Pearl Neeb.....Lewiston, Minn.
Charrie Roberton-Simonds.....Minneapolis, Minn.
Mildred Gretchen Phillips-Kindy.....St. Paul, Minn.
Paul H. Th. Rusterholz.....St. Paul, Minn.

Class of 1907

Gyda Hansen.....St. Paul, Minn.
Richard U. Jones.....St. Paul, Minn.

Class of 1908

Ethel Erkenbrack-Funk.....Minneapolis, Minn.
Ada Nash-Patterson.....Edgerton, Minn.
Gladys Neff.....Neillsville, Wis.
Minnie Tullar-Doty.....St. Paul, Minn.
Clara Odenwald-Abbet.....Worthington, Minn.

Class of 1909

Lorraine Vern Miller.....La Moure, N. D.
Rhea Le Pierre Rocheleau.....Ocean Park, Cal.
Anna May Woodworth-Lunn.....Biwabik, Minn.

Class of 1910

Ardelia Bisbee.....Madelia, Minn.
Mildred C. Corliss.....Portland, Ore.
Ada Dahlgren.....St. Paul, Minn.
Lillian Hall.....Minnewaukan, N. D.
Estelle Spayde.....Rapid City, S. D.

Class of 1911

Charlotte Burlington.....St. Paul, Minn.
Elva May Davis-Westerlund.....Northwood, Iowa
Katherine Gamble-Baskerville.....St. Paul, Minn.
Myrtha Marie Gunderson.....St. Paul, Minn.
Ethel Haggard-Stewart.....St. Paul, Minn.
Stella Wilhelmina Heger-Wilson.....St. Cloud, Minn.

Class of 1912

Mary Genevieve Carver-Stevens.....St. Paul, Minn.
Ethel Wilcox.....Mankato, Minn.
Lottie M. Olson-Taralseth.....Warren, Minn.
Alice R. Olson.....Fargo, N. D.
Louise Appel.....Springfield, Minn.
Erna Appel.....Springfield, Minn.

Class of 1913

Harriet Martha Caldwell.....Monango, N. D.
Constance Pearl Johnson.....St. Paul, Minn.
Alice Elvira Larson.....Alexandria, Minn.
Geneva Samson.....St. Paul, Minn.
Ethel May Stewart.....St. Paul, Minn.
Stella Alice Tuttle.....Hastings, Minn.
Margaret Jane Williams.....Minneapolis, Minn.
Gladys Ruth Ziesemer.....St. Paul, Minn.

Class of 1914

Jean Adie-Hullsiek (Bachelor of Music).....St. Paul, Minn.
Harriet Caldwell.....Monango, N. D.
Mabel Reed.....St. Paul, Minn.
Hazel Roche.....Farmington, Minn.
Evelyn Rumble.....St. Paul, Minn.
Blanche Runyon-Rose.....St. Paul, Minn.
Mildred Skauge.....Brainerd, Minn.
Ruth Spater.....St. Paul, Minn.
Clarence Vokoun.....St. Paul, Minn.
Amelia Wolf.....Nerstrand, Minn.
Vernie Wolfsberg.....St. Paul, Minn.

Class of 1915

Albina Agnes Minar.....Browerville, Minn
Frank C. L. Minar.....Browerville, Minn
Grace Evangeline Olen.....St. Paul, Minn
Olive E. Scott.....Stillwater, Minn
Ann Elizabeth Shell.....Wallowa, Ore
Ethel Genevieve Tamborino.....St. Paul, Minn
Grace Marie Waddell.....St. Paul, Minn
Maude Julia Wanzer.....Charleston, W. Va

Class of 1916

Lilah Bellingham.....Cascade, Mont.
Lajla Dale.....Madison, Minn.
Elizabeth Erickson.....Bemidji, Minn.
Pearl Fox-Nearpass.....St. Paul, Minn.
Edith Gunderson.....Kenyon, Minn.
Louis Jacobi.....St. Paul, Minn.
Grace O'Neale.....Jackson, Minn.
Mildred Peabody.....St. Paul, Minn.
Harriet Pierpont-Smith.....Bruce, Wis.
Evelyn Rumble (Bachelor of Music).....St. Paul, Minn.
Daniel Thomassian.....St. Paul, Minn.
Janet Vokoun.....St. Paul, Minn.

Class of 1917

Leonard Brabec.....Kasson, Minn.
Lucille Farrell.....Warren, Minn.
Lena Halverson.....St. Paul, Minn.
Pearl Kaehler.....St. Charles, Minn.
Ruth Merryman.....Kerkhoven, Minn.
Margaret Mount.....St. Paul, Minn.
Harriet Phillips.....Worthington, Minn.
Agnes Wunderlich.....St. Paul, Minn.

Roll of Students

Senior Class

Donald Leslie Augustine.....Kasson, Minn.
Leonard Bedient Brabec.....Kasson, Minn.
Lucia Rebecka Brown.....St. Paul, Minn.
Ella Isabelle Clapp.....Kasota, Minn.
Valfred Danielson.....St. Paul, Minn.
Dorothy Dornberg.....St. Paul, Minn.
Ruth Emhoff.....York, Neb.
John Kenneth Erickson.....St. Paul, Minn.
Erling Eriksen.....St. Paul, Minn.
Edith Sophia Gunderson.....Kenyon, Minn.
Margaret Lila Hammond.....St. Paul, Minn.
Victor Arnold Heed.....Cokato, Minn.
James Kydd Hilyard.....St. Paul, Minn.

Frank Orville Holmes.....St. Paul, Minn.
Alice Erra Hough.....Kerkhoven, Minn.
Esther Jerabek.....Silver Lake, Minn.
Eugenie Marie Legault.....Argyle, Minn.
Marian Louise Lesher.....St. Paul, Minn.
Glenn Nyren McNaughton.....Cohasset, Minn.
Howard Hope McNiven.....Empress, Alta.
Lois Marvin.....Duluth, Minn.
Ernest Gustav Norstrom.....Minneapolis, Minn.
John Alexander Patterson.....St. Paul, Minn.
Hazel Louisa Roche.....Farmington, Minn.
Helen Isabel Sivertson.....Crookston, Minn.
Myrtle Dorothy Steen.....Kerkhoven, Minn.
Thomas Edward Waddelow.....Mt. Morris, Ill.
Miriam Winifred Wallace.....St. Paul, Minn.
Ruth Azalia Webster.....St. Paul, Minn.
Nancy Olivia Wick.....Minneapolis, Minn.
Amelia Wolf.....Kenyon, Minn.

Junior Class

Leila Arvilla Atcherson.....Appleton, Minn.
Dorothy Badger.....Minneapolis, Minn.
Bertha Blair.....Duluth, Minn.
Cleo Louise Brandrup.....Mankato, Minn.
Henrietta Brawley.....St. Paul, Minn.
Hellen Clark.....Rockville, Minn.
Constance Cronhardt.....St. Paul, Minn.
Florence Anna Defiel.....St. Paul, Minn.
Muriel Emily Carr Eastman.....St. Paul, Minn.
Robert Brown Faricy.....St. Paul, Minn
Lucile Grace Farrell.....Warren, Minn
Frances Gillette.....North St. Paul, Minn
Melvin Louis Gundlach.....St. Paul, Minn
Anna Estelle Hammerlun.....Cokato, Minn
Tillie Hansen.....Russell, Minn
Hulda Hanson.....New London, Minn
Helen Kay Hargreaves.....St. Paul, Minn
Charlotte Hawley.....St. Paul, Minn
Merle Constance Johnson.....St. Charles, Minn
Herbert William Larseen.....St. Paul, Minn
Amy Marie LeVesconte.....Prior Lake, Min

Alice Vivian Little.....Madison, Minn.
Lucy Marie Peterson.....St. Paul, Minn.
Marian Gertrude Reader.....Pipestone, Minn.
Gladys Harriett Reutiman.....Stillwater, Minn.
Clara Goldina Robinson.....Warren, Minn.
Ada Rose Stalker.....Duluth, Minn.
Helen Strachan.....Duluth, Minn.
Clarinda Eleanor Trandem.....St. Paul, Minn.
Margaret Thompson Walters.....St. Paul, Minn.
Charles Mitchell Wenzel.....Kenyon, Minn.
Margaret Eliza Wharry.....St. Paul, Minn.

Sophomore Class

Madge Elizabeth Barnes.....St. Paul, Minn.
Joseph Franklin Borg.....St. Paul, Minn.
Paul Herbert Brandt.....Murdock, Minn.
Winnifred Bertha Canon.....Armstrong, Iowa
Marion Catherine Cardle.....St. Paul, Minn.
William Gibson Claffy .....Two Harbors, Minn.
Mae Charlotte Coleman.....Elbow Lake, Minn.
Marian Armorel Conger.....Mora, Minn.
Mary Marguerite Craig.....Bottineau, N. D.
Joseph Douglas Crane.....St. Paul, Minn.
Marya E. Cushing.....St. Paul, Minn.
Alice Grace Davidson.....Minneapolis, Minn.
Paula Doermann.....St. Paul, Minn.
Marjorie Dornberg.....St. Paul, Minn.
Phyllis Myrle Dower.....Wadena, Minn.
Lucile Jeannette Erickson.....St. Paul, Minn.
Alice Mary Fletcher.....Pipestone, Minn.
Ethel Alice Fletcher.....St. Paul, Minn.
Lillian Taylor Flitch.....St. Paul, Minn.
Nola Gladys Forrest.....Lake Wilson, Minn.
Victor Karl Funk.....St. Paul, Minn.
Robert Francis Gale.....St. Paul, Minn.
Frances Ruth Gordon.....St. Paul, Minn.
Florence Elizabeth Gow.....St. Paul, Minn.
Hazel Mary Griffith.....St. Vincent, Minn.
Marion Ethel Haigh.....St. Paul, Minn.
Louise Elizabeth Hall.....St. Paul, Minn.

Spruel Edward Heard ..... Rugby, N. D.
Elsie Ethel Heimer ..... South St. Paul, Minn.
Ruth Anna Helweg ..... Fulda, Minn.
Charles Himmler ..... Minneapolis, Minn.
Claude Douglas Holzinger ..... Elbow Lake, Minn.
Ruth Hoxie ..... Duluth, Minn.
Conrad Irwin Hubert ..... St. Paul, Minn.
Richard B. Hullsiek ..... St. Paul, Minn.
Olga Fredrica Huseth ..... Minneapolis, Minn.
Dorothy Wilder Hutchinson ..... St. Paul, Minn.
Frances Lucy Hyslop ..... Slayton, Minn.
Helen Susie Ingmundson ..... St. Paul, Minn.
Linnea Margaret Johnson ..... Milaca, Minn.
Anna H. Johnston ..... Pipestone, Minn.
Clara Dunlavy Jones ..... Rapid City, S. D.
Walter Philip Keller ..... Slayton, Minn.
Carrie Louise Krugmeier ..... St. Paul, Minn.
Mae Cecele Landeene ..... Elbow Lake, Minn.
Winifred Violet Lapp ..... St. Vincent, Minn.
Robert Clarence Larson ..... St. Paul, Minn.
Lawrence Joseph Leonard ..... Jordan, Minn.
James D. Lightfoot ..... Cloquet, Minn.
Raymond Lilley ..... St. Paul, Minn.
Robert Dean Lindgren ..... Adrian, Minn.
Myron Louis Lorenz ..... Rolla, N. D.
Marion Leola McLeod ..... St. Paul, Minn.
Muriel Chalmers Mackintosh ..... St. Paul, Minn.
Laura Marles ..... St. Paul, Minn.
Hilda Mehus ..... Fessenden, N. D.
Irene Meyers ..... Ashland, Wis
Frances Elizabeth Morgan ..... Washburn, Wis
Violet May Olson ..... Maynard, Minn
William Isaac Orlebeke ..... Clara City, Minn
Mildred Peabody ..... St. Paul, Minn
Irene Marguerite Petersen ..... Pipestone, Minn
Ellen Marie Pope ..... Mora, Minn
Pauline Irene Ramseyer ..... Duluth, Minn
Mary Elizabeth Rhodes ..... Williston, N. D
Ruth Amelia Rost ..... Kerkhoven, Minn
William John Shogren ..... Eau Claire, Wis
Catherine Mary Margaret Smit ..... St. Paul, Minn

Alice Burgoyne Spencer.....St. Paul, Minn.
Edwin John Tanquist.....Mankato, Minn.
Zenas Howland Taylor.....Stanley, N. D.
William Carson Thompson, Jr.....St. Croix Falls, Wis.
Chester Martin Tobin.....Burlington, Iowa
Howard Hartnette Wolfe.....St. Paul, Minn.

Freshman Class

Erwin Henry Altermatt.....Springfield, Minn.
Alric Anderson.....Ellsworth, Wis.
Horace Parker Bagley.....St. Paul, Minn.
Marion Bagley.....St. Paul, Minn.
Gladys Barck.....Albert Lea, Minn.
Anna Emelia Barr.....South St. Paul, Minn.
Virginia Brome Bennett.....St. Paul, Minn.
Harold Arzt Binder.....St. Paul, Minn.
Myra Jane Birkett.....Hazel Green, Wis.
Gertrude Horton Bradbury.....St. Paul, Minn.
Martha Brockman.....St. Paul, Minn.
Grace Bross.....St. Paul, Minn.
Ozni Carver Brown.....Pipestone, Minn.
Grace Calder.....Chippewa Falls, Minn.
Natalie Nunez Cardozo.....St. Paul, Minn.
Earl Reinhold Carlson.....Minneapolis, Minn.
Edith Almyra Chase.....Kasson, Minn.
Florence Claus.....St. Paul, Minn.
Madge Anna Clynick.....Winnebago, Minn.
Raymond Picken Colville.....Redwood Falls, Minn.
Orin Montgomery Corey.....Osceola, Wis.
Ernest Oscar Daley.....Luverne, Minn.
Starr Coit Denniston.....Hudson, Wis.
Esther Deakin Donnelly.....St. Paul, Minn.
Louise Ludlow Emmons.....St. Paul, Minn.
Russell Waldo Ericson.....Minneapolis, Minn.
Lenice Evelyn Felthous.....St. Paul, Minn.
Elsie Genevieve Gerlach.....Barnum, Minn.
Robert Warren Gould.....Hinckley, Minn.
Arthur Greenfield.....Clara City, Minn.
Kenneth Gregory.....St. Paul, Minn.
Donald Henry Griffith.....St. Vincent, Minn.
Grace Marie Guilford.....Minneapolis, Minn.
Hugh Marshall Haines.....Duluth, Minn.

John Morriss Hargreaves.....St. Paul, Minn.
Helen Esther Harris.....St. Paul, Minn.
Lorella Marie Hartwick.....Winnebago, Minn.
Florence Martha Hastedt.....St. Paul, Minn.
Eugene Hendee Hicks.....St. Paul, Minn.
Walter Hobe.....St. Paul, Minn.
Ruth Gladys Isker.....Osseo, Minn.
Albert Sanford Johnson.....Minneapolis, Minn.
Florence Wilhelmina Johnson.....St. Paul, Minn.
Frederick Johnson.....Hopkins, Minn.
Helmer Gerhardt Johnson.....Belview, Minn.
Marion Eloise Johnson.....Albert Lea, Minn.
Louis Gail Kennedy.....St. Paul, Minn.
Helen Elizabeth Kircher.....Olivia, Minn.
Frances Helen Krenger.....Stillwater, Minn.
Lawrence Joseph Legault.....Argyle, Minn.
Mildred Irving Leven.....St. Paul, Minn.
Edward Frithiof Lundholm.....St. Paul, Minn.
Lawrence Hodgeman McCoy.....St. Paul, Minn.
Grayce Emerson McKee.....Albert Lea, Minn.
Helen Frances McLean.....Howard Lake, Minn.
John William Maack.....Fergus Falls, Minn.
Myrtle A. Maahs.....Echo, Minn.
Helen Harriet Matheis.....St. Paul, Minn.
Jessie Narris Mayo.....Wahkon, Minn.
Florence May Merrill.....Winnebago, Minn.
Lydia I. Mueller.....Hutchinson, Minn.
Walter Raymond Nelson.....Minneapolis, Minn.
Adah Newcomb.....Pepin, Wis.
Helen Arabella Newell.....Albert Lea, Minn.
Pearl Isabella Nisbet.....Britton, S. D.
Vernon Walter Olson.....Minneapolis, Minn.
Edward Oakley Paden.....Mankato, Minn.
William Camerson Patterson.....St. Paul, Minn.
Marian Alma Pickett.....Bayfield, Wis.
Ione V. Pickle.....Madison, Minn.
Dorothy Pratt.....St. Paul, Minn.
Ned Bing Rundell.....Verndale, Minn.
Aaron Lewis Saeks.....Akeley, Minn.
Marion Elizabeth Saunders.....Minneapolis, Minn.
Elizabeth Schade.....Sisseton, S. D.

Erich Schwandt.....Buffalo, N. D.
Frank Maxwell Scott.....Two Harbors, Minn.
George Eddy Scotton.....Willmar, Minn.
Lulu Marion Shaw.....St. Paul, Minn.
Charles Richard Shurtz.....Champaign, Ill.
Spencer H. Smith.....Wayzata, Minn.
Grace Margaret Stock.....Coleraine, Minn.
Geraldine Stowell.....St. Paul, Minn.
Charlotte Stutsman.....Mandan, N. D.
Ruth Marjorie Swift.....North St. Paul, Minn.
Rolf G. Tonneson.....Kenyon, Minn.
Bristol Albert Tormey.....St. Paul, Minn.
Howard John Vandersluis.....Fergus Falls, Minn.
Florabel Elenor Wickett.....Canton, Minn.
Vera Emerson Wilcox.....Minneapolis, Minn.
Winifred Wilkerson.....St. Paul, Minn.
Edith Vera Willford.....Canton, Minn.
Ruth Willson.....St. Paul, Minn.
Herbert E. Wilson.....Luverne, Minn.
Edward Henry Zimmerman.....St. Paul, Minn.

Special

Gladys Estella Braden.....Duluth, Minn.
Janette B. O. Elliott.....Grand Meadow, Minn.
Ilse Elizabeth Ernst.....Stillwater, Minn.
Eva Grace Grant.....Lakota, N. D.
M. P. Harrington.....Minneapolis, Minn.
Bertha Huxford.....St. Paul, Minn.
Aurora Kraft.....Menomonie, Wis.
Lillian K. Larseen.....St. Paul, Minn.
Elvira Gwendolin Lomnes.....Hudson, Wis.
Mary Mixer.....St. Paul, Minn.
Minnie Victoria Moline.....Gibbon, Minn.
Margaret Sylvia Mount.....St. Paul, Minn.
Everett Ben Parrott.....St. Paul, Minn.
Ruth Cleone Parsons.....St. Paul, Minn.
Esther Ramseyer.....Duluth, Minn.
Dorys Summerfield.....St. Paul, Minn.
Doris Utter.....St. Paul, Minn.
Olive Wagner.....Echo, Minn.

Conservatory of Music

Leila Atcherson ..... Appleton, Minn.
Marion Bagley ..... St. Paul, Minn.
Gladys Bambery ..... St. Paul, Minn.
Marjorie Beebe ..... St. Paul, Minn.
Harriet Bell ..... St. Paul, Minn.
Bessie Bendel ..... St. Paul, Minn.
Elizabeth Bill ..... St. Paul, Minn.
Harry Bill ..... St. Paul, Minn.
Gertrude Bradbury ..... St. Paul, Minn.
Gladys Braden ..... Duluth, Minn.
Ozni Brown ..... Pipestone, Minn.
Ada Bruncke ..... St. Paul, Minn.
Winifred Canon ..... Armstrong, Ia.
Natalie Cardozo ..... St. Paul, Minn.
Hellen Clark ..... Rockville, Minn.
Madge Clynick ..... Winnebago, Minn.
Mildred Eaton ..... St. Paul, Minn.
Jean Ellerbe ..... St. Paul, Minn.
Janette Elliott ..... Grand Meadow, Minn.
Ruth Emhoff ..... York, Neb.
Florence Enersen ..... Excelsior, Minn.
Lucile Farrell ..... Warren, Minn.
Lucille Fedders ..... St. Paul, Minn.
Melvin Fedders ..... St. Paul, Minn.
Belle Fiske ..... St. Paul, Minn.
Margaret Frantz ..... St. Paul, Minn.
Philip Gaspey ..... St. Paul, Minn.
Eva Grant ..... Lakota, N. D.
Grace Guilford ..... Minneapolis, Minn.
Lorella Hartwick ..... Winnebago, Minn.
Florence Hastedt ..... St. Paul, Minn.
Cecelia Hauck ..... St. Paul, Minn.
Fannie Hershey ..... St. Paul, Minn.
Julian Hirschman ..... St. Paul, Minn.
Donald Hooper ..... St. Paul, Minn.
Roger Hooper ..... St. Paul, Minn.
Ruth Hoxie ..... Duluth, Minn.
Fred Hoyer ..... St. Paul, Minn.
Mrs. Bertha Huxford ..... St. Paul, Minn.

William Jenkyns.....St. Paul, Minn.
Lilly Johnson.....St. Paul, Minn.
Marion Johnson.....Albert Lea, Minn.
Elmer Jungck.....St. Paul, Minn.
Charles Kenney.....St. Paul, Minn.
Margaret Kenney.....St. Paul, Minn.
Rosemary Kenney.....St. Paul, Minn.
Florence King.....St. Paul, Minn.
Alice Kingery.....St. Paul, Minn.
Lucile Koch.....St. Paul, Minn.
Aurora Kraft.....Menomonie, Wis.
Marian Lesher.....St. Paul, Minn.
Helen Lewis.....St. Paul, Minn.
Robert Lindgren.....Adrian, Minn.
Evelyn Lindsay.....St. Paul, Minn.
Gwendolin Lomnes.....Hudson, Wis.
Laura Lynch.....Orr, N. D.
Myrtle Maahs.....Echo, Minn.
Charles Mahler.....St. Paul, Minn.
Elsie Maney.....Minneapolis, Minn.
Lois Marvin.....Duluth, Minn.
Susan Mason.....St. Paul, Minn.
Edna Mattson.....St. Paul, Minn.
Florence Merrill.....Winnebago, Minn.
Beth Meyer.....St. Paul, Minn.
Alice Miller.....St. Paul, Minn.
Gladys Mitchell.....St. Paul, Minn.
Mary Mixer.....St. Paul, Minn.
Minnie Moline.....Gibbon, Minn.
Lucille Moore.....St. Paul, Minn.
Margaret Mount.....St. Paul, Minn.
Grace McKee.....Albert Lea, Minn.
Edwin McQuillan.....St. Paul, Minn.
Herbert McQuillan.....St. Paul, Minn.
Helen Newell.....Albert Lea, Minn.
Robert Norton.....St. Paul, Minn.
Andy Oien.....St. Paul, Minn.
Dorothy Pace.....St. Paul, Minn.
Elsie Peterson.....St. Paul, Minn.
Clarence Peterson.....White Bear, Minn.
Ione Pickle.....Madison, Minn.

Olga Plonsky.....St. Paul, Minn.
Esther Ramseyer.....Duluth, Minn.
Kathryn Rasey.....St. Paul, Minn.
Marion Reader.....Pipestone, Minn.
Amelia Renz.....St. Paul, Minn.
Helen Renz.....St. Paul, Minn.
Elsie Richardson.....St. Paul, Minn.
Marion Ringstad.....St. Paul, Minn.
Edward Sands.....St. Paul, Minn.
Robert Sands.....St. Paul, Minn.
Marion Saunders.....St. Paul, Minn.
Erma Scharr.....St. Paul, Minn.
Ruth Schickler.....St. Paul, Minn.
Anna Schult.....South St. Paul, Minn.
Allen Shapira.....St. Paul, Minn.
Meyer Shapira.....St. Paul, Minn.
Robert Sinks.....St. Paul, Minn.
Mercy Stoner.....St. Paul, Minn.
Helen Strachan.....Duluth, Minn.
Charlotte Stutsman.....Mandan, N. D.
Ruth Swift.....North St. Paul, Minn.
Josephine Tatum.....St. Paul, Minn.
Zenas Taylor.....Stanley, N. D.
Emily Tricker.....St. Paul, Minn.
Doris Utter.....St. Paul, Minn.
Olive Wagner.....Echo, Minn.
Margaret Walters.....St. Paul, Minn.
Iona Warnock.....St. Paul, Minn.
Frances Westfall.....St. Paul, Minn.
Margaret Wharry.....St. Paul, Minn.
Ruth Whitwell.....St. Paul, Minn.
Florabell Wickett.....Canton, Minn.
Florence Wiebmer.....St. Paul, Minn.
Vera Wilford.....Canton, Minn.
Alice Wilson.....St. Paul, Minn.
Herbert Wilson.....Luverne, Minn.
Paul Wilson.....St. Paul, Minn.
Jessie Wright.....St. Paul, Minn.

Summary of Students

College	250
Conservatory of Music	118
Total	368
Counted twice	44
Net total	324

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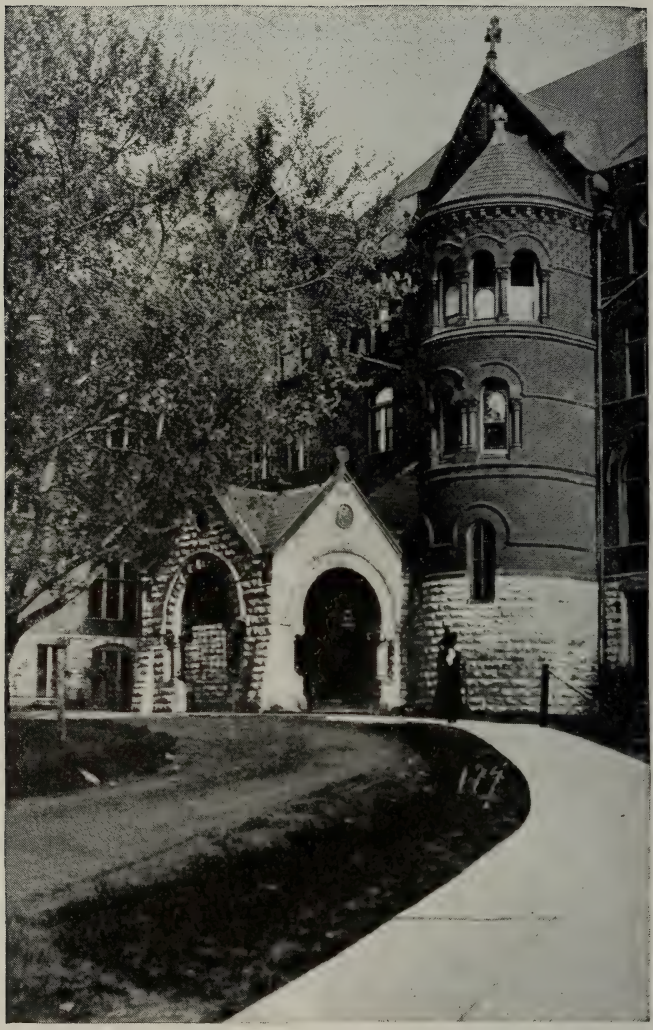
Macalester College Bulletin

Catalog Number
April, 1919

Volume VII Number 3



ENTRANCE TO MAIN BUILDING

Catalog

Macalester College

1918 - 1919

Accredited by the North Central Association of Colleges and Secondary Schools.

Macalester College uses in its official publications a number of the reformed spellings recommended by the Simplified Spelling Board and now authorized by standard dictionaries.

SAINT PAUL, MINNESOTA

Entered April 29, 1905, at Saint Paul, Minn., as second class matter under Act of Congress July 16, 1894.

Issued Quarterly in October, January, April and June.

College Calendar

1919-1920

1919

June 6. Friday, 8:30 p. m., Recital, Conservatory of Music.
June 7. Saturday, 8:15 p. m., Senior Class Play.
June 8. Sunday, 10:30 a. m., Baccalaureate Sermon.
June 8. Sunday, 8:00 p. m., Christian Associations' Service.
June 9. Monday, 11:00 a. m., Extemporaneous Speaking Contest.
June 9. Monday, 8:15 p. m., Senior Class Play.
June 10. Tuesday, 11:00 a. m., Class Day Exercises.
June 10. Tuesday, 1:30 p. m., Annual Meeting of Board of Trustees.
June 10. Tuesday, 2:30 p. m., Faculty-Alumni Baseball Game.
June 10. Tuesday, 6:30 p. m., Alumni Banquet.
June 11. Wednesday, 10:00 a. m., Thirtieth Annual Commencement.
June 11. Wednesday, 1:30 p. m., College Luncheon.
June 11. Wednesday, 8:30 p. m., President's Reception.
Sept. 22-24. Monday-Wednesday, Registration Days.
Sept. 24. Wednesday, 10:30 a. m., First Semester begins.
Nov. 27. Thursday, Thanksgiving.
Dec. 19. Friday, 4:20 p. m., Christmas Vacation begins.

1920

Jan. 6. Tuesday, 8:00 a. m., Christmas Vacation ends.
Feb. 2-6. Monday-Friday, First Semester Examinations and Second Semester Registration.
Feb. 9. Monday, 8:00 a. m., Second Semester begins.
Feb. 12. Thursday, Lincoln's Birthday.
April 1. Thursday, 4:20 p. m., Spring Vacation begins.
April 8. Thursday, 8:00 a. m., Spring Vacation ends.
June 7-12. Monday-Saturday, Second Semester Examinations.
June 16. Wednesday, Second Semester ends.

Administrative Officers

Address correspondence as follows:

ELMER ALLEN BESS, President.
Information, General Business.

RICHARD U. JONES, Dean.
Curriculum, Student Activities and College Policies.

MRS. CHARLES W. WILLIAMS,
Dean of Women.

JOHN P. HALL, Registrar.
Catalog, Grades, Credits, Entrance Requirements.

HARRY PHILLIPS, Director Conservatory of Music.
Catalog, Tuition, Entrance.

ALICE M. CLOUGH, House Director of Wallace Hall.

H. S. ALEXANDER, Purchasing Secretary.

BISHOP H. SCHRIBER, Secretary and Attorney.
Records, Taxes, Litigation, Release of Mortgage.
Pioneer Building, St. Paul.

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Endowment Investments.
Merchants National Bank Building, St. Paul.

JOHN R. MITCHELL, Treasurer.
Capital National Bank, St. Paul.

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G. D. Dayton ..... Second Vice-President
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G. W. DAVIS A. W. ANDERSON R. U. JONES
H. D. FUNK D. N. KINGERY

The President of the College is ex-officio a member of each faculty committee.

In Memory of

Professor Thomas Shaw

BORN
January 3, 1843

DIED
June 25, 1918

Trustee of The College
1898 - 1918

President of Board of Trustees
1901 - 1918

Blessed are the dead who die in the Lord . . . . that they may rest from their labors; for their works do follow them.

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Alumni, former students and undergraduates.

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Wylie Gustave Akenson, '17, Sgt. Air Service.
Carrie Ellen Alvord, '14, Interpreter.
William Dewey Amundson, '19, Navy.
Alric Anderson, '20, Ordnance.
Julian Francis Anderson, '19, 2nd Lieut. Marine Corps.
Oscar P. Anderson, ex-'17, Engineers.
Reuben M. Anderson, ex-'19, Infantry.
Richard Harlow Anderson, '14, 1st Lieut. Infantry.
Theodore E. Anderson, Acad. '13, Navy.
Donald Leslie Augustine, '18, Sanitary Corps.
Walter L. Backer, ex-'19, Medical Corps.
Marion Azella Backus, ex-'13, Red Cross Nurse.
Horace Parker Bagley, '21, Sgt. Engineers.
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Robert Pilling Bayard, ex-'17, Corp. Engineers.
John Lennart Beck, '19, Air Service.
Leo Emil Beck, '19, Air Service.
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Leslie Willis Brown, '20, Ambulance.
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Walfred Danielson, '18, Engineers.
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Herbert Emil Dierenfield, '17, Navy.
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Paul Henry Dunnavan, ex-'17, Ambulance.
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Conrad Laurence Ecklund, ex-'18, Medical.
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Wallace Graydon Gibson, '17, 1st Lieut. Marine Corps.
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Ingvar Graff, ex-'19, Quartermaster's Dep't
Clarence Oscar Graue, '12, Infantry.
Lloyd W. Green, ex-'16, 1st Lieut. Infantry.
Paul Bennett Greig, ex-'18, Ensign Navy.
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Roy Alfred Greig, '18, Sgt. Marine Corps.
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*Vergil Homer Guthrie, '16, Sgt. Ammunition Train.
Earle Allen Hadley, Acad. ex-'17, Engineers.
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Jesse Collins Hales, '18, Sgt. Medical.
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Luther Barwise Harrison, Acad. ex-'13, Medical.
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Bayard William Heed, '11, 2nd Lieut. Coast Artillery.
Victor Arnold Heed, '18, Infantry.
Berthold August Hensel, ex-'20, Aviation.
Eugene H. Hicks, '21, Infantry.
Guy Lewis Hill, '20, Corp. Marine Corps.
James Kydd Hilyard, '18, Sgt. Major Infantry.
Charles Himmler, '20, Army.
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Howard Hope McNiven, '18, Corp. Tank Service.
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Sidney G. Mason, '19, Ambulance (Croix de Guerre).
Paul Matson, ex-'18, Infantry.
Harold James Matteson, ex-'15, Infantry.
Clifford Harvey Medcalf, '20, Navy.
Gregory Medcalf, ex-'18, Y. M. C. A.
Erwin Herbert Metag, '16, Aviation.
Charles Burdick Mills, Jr., ex-'18, 2nd Lieut. Quartermaster.
William Morell, ex-'19, Navy.
Arnold Milton Negaard, ex-'19, 2nd Lieut. Infantry.
Joseph Robert Neller, '13, Corp. Signal Corps.
Arthur Emanuel Nelson, ex-'14, Coast Artillery.
Carl Oscar Nelson, ex-'16, Corp. Engineers.
Hubert Gordon Nelson, ex-'19, 2nd Lieut. Aviation.

Aziz Nofel, Acad. ex-'16, Sgt. Infantry.
James George Novack, '20, Infantry.
Grace Noyes, Acad. '15, Army Nurse.
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David Nathaniel Nyquist, '19, Corp. Infantry.
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**Irving John Roth, '17, 2nd Lieut. Aviation.
Ned Bing Rundell, '21, Corp. Marine Corps.
Plato Earl Sargent, '15, Lieut. Artillery.
Russell W. Sayre, ex-'18, 2nd Lieut. Infantry.
Erich Schwandt, '21, 2nd Lieut. Artillery.
Lyle Gensell Scott, ex-'20, Signal Corps.
William Ellison Scott, '12, 1st Lieut. Infantry.
Earl Angus Seely, ex-'19, Navy.
John Lyman Sheean, '16, Medical Corps.
William John Shogren, '20, Navy.
Harry Stone Slater, '19, Ensign Navy.
Forest C. Smithson, Sgt. Motor Corps.
Harry Wallace Stearns, ex-'19, Ensign Navy.
Henry A. Stock, ex-'12, Medical Corps.
Frank William Street, ex-'14, Chaplain Infantry.
John Stuhr, ex-'14, 1st Lieut. Naval Medical Corps.

Milton Francis Sturtevant, '19, Sgt. Marine Corps.
Arnold John Swanson, Acad. ex-'14, Aviation.
Allyn Casper Taylor, ex-'19, Motor Transport.
Fremont David Taylor, '17, Artillery.
George Arthur Taylor, '19, Sgt. Marine Corps.
Smith Taylor, ex-'15, 2nd. Lieut. Infantry.
Wallace B. Taylor, ex-'18, Infantry.
R. W. Thacker, Y. M. C. A.
Charles Albert Thomas, '14, 2nd Lieut. Signal Corps.
James Russell Thomas, ex-'14, Capt. Naval Medical.
Daniel S. Thomassian, ex-'15, Bugler Motor Ambulance.
David A. Thompson, '00, Y. M. C. A.
*Shirley Pierpont Thompson, ex-'18, Infantry.
Chester M. Tobin, '20, 2nd Lieut. Infantry.
Rolf Tonneson, '21, Naval Hospital.
Bristol Albert Tormey, ex-'21, Artillery.
Elmer Trolander, '14, Chemical Warfare.
Thomas Douglas Turnbull, '19, Engineers.
Ralph Downs Tyler, ex-'19, Sgt. Bakery Co.
Paul R. Updyke, '19, Marine Corps.
Clarence J. Vokoun, ex-'15, 2nd Lieut. Sanitary Corps.
Thomas Edward Waddelow, '19, Infantry.
**Fred C. Wagner, ex-'18, Marine Corps.
William Liston Walker, '16, Medical.
William Roy DeWitt Wallace, ex-'11, Sgt. Infantry.
David Percy Wasgatt, ex-'19, Hospital Corps.
J. Adams Wasgatt, '20, 2nd Lieut. Marine Corps.
Fred Augustus Waterous, Acad. ex-'15, 1st. Lieut. Signal Corps.
Charles M. Wenzel, '19, Corp. Infantry.
Ada Elmira White, ex-'13, Army Nurse.
Arthur Louis Whiton, ex-'18, 1st Lieut. Aviation.
Irving Howard Williams, '16, Infantry.
Trevor G. Williams, ex-'15, Capt. Aviation.
Bert Benjamin Willmert, '15, Chemical Warfare Service.
Clarence Charles Willmert, '17, 1st Lieut. Artillery.
Harry Willmert, '13, Infantry.
Ross Henry Willmert, ex-'16, Coast Artillery.
Herbert E. Wilson, '21, Navy.
Ralph Calvin Wilson, '12, 1st Lieut. Infantry.
Clinton L. Winchester, ex-'19, Corp. Infantry.
Alvin Pontius Wold, ex-'19, Ambulance Corps.
George Fred Ziesemer, ex-'17, 1st Lieut. Aviation.
Edward Henry Zimmerman, '21, Navy.

*Died in Service.
**Killed in Action.

General Information

Historical Sketch

Macalester College is the outgrowth of the Baldwin School of St. Paul, projected by Rev. Edward D. Neill, D. D., as far back as 1853; and of a similar institution opened in 1873 by the same gentleman in Minneapolis. In 1874 Charles Macalester, of Philadelphia, donated to this school the valuable property known as the Winslow House, near the Falls of St. Anthony, with the understanding that as soon as possible it should be developed into a college. In his honor the institution was named Macalester College. Until 1880 it was an undenominational school. In October of that year it was adopted by the Synod of the Presbyterian Church of Minnesota. In 1883 a syndicate of the trustees bought the present site and gave it to the Board of Trustees. The first building thereon was erected in 1884 and the college was opened September 15, 1885.

Rev. Dr. Neill, the founder of the college, was the first territorial superintendent of public instruction and the first chancellor of the State University. He is the author of Neill's History of Minnesota, and also of valuable monographs on colonial history. He died September 26, 1893.

From the beginning Macalester College was burdened with debt, and altho, under the leadership of President James Wallace and Rev. David C. Platter, financial secretary, this debt was considerably reduced, yet, on account of the hard times of the nineties, it had, by June, 1898, risen to $180,000. With the energetic assistance of Robert A. Kirk, Thomas Shaw and Rufus C. Jefferson, the board was reorganized, the debt liquidated, and efforts for a permanent endowment begun. On July 1, 1911, the trustees certified that a total of $467,000 had been given; that of this total $307,000 was invested in endowment securities and $160,000 in Wallace Hall and Carnegie Science Hall.

Macalester College celebrated its quarter centennial June, 1910, with impressive ceremonies. By direction of the Board of Trustees, and at the expense of the college, a History of Macalester College was published by Professor H. D. Funk.

The Trustees on June 9, 1914, completed a second endowment campaign for $250,000. Payments of pledges were completed by July 1, 1916. The college resources now total $970,000.

Presidents of Macalester College

Rev. Edward Duffield Neill,* D. D., 1873-1884.
Rev. Thomas A. McCurdy,* D. D., 1884-1890.
Rev. David James Burrell, D. D., 1890-1891.
Rev. Adam Weir Ringland, D. D., 1892-1894.
Prof. James Wallace, Ph. D.,
Acting President, 1894-1900; President 1900-1906.
Prof. Thomas Morey Hodgman, M. A., LL. D., February, 1907-1917.
Rev. Elmer Allen Bess, D. D., 1918—.

Form of Bequest

The corporate name of the institution is Trustees of Macalester College.

Legal Form of Bequest.—I give and bequeath to the Trustees of Macalester College of St. Paul, Minnesota, duly incorporated under the laws of Minnesota, the sum of .....dollars.

Location

Macalester College is located in Macalester Park, St. Paul, a beautiful suburb in the so-called Midway district. The location is favorable for study, for the development of a pure and wholesome college life, and for careful supervision of the conduct of students. Easy access to the Twin Cities is afforded by the Grand Avenue and Snelling Avenue electric lines—the latter of which connects with all four interurban lines. This combination of college and city life is a unique advantage to Macalester students. The cultural opportunities which the public libraries, churches, lecture courses and musical entertainments of these cities offer, are important and react most beneficially upon both faculty and students.

Campus

The campus contains forty acres with a frontage of six hundred and sixty feet on Summit Avenue, a fine boulevard two hundred feet in width, which connects the Twin Cities. The College buildings, seven in number, are situated on the north half of the campus, while the ample athletic field, grove of oaks and ice skating rink occupy the southern half.

Buildings and Equipment

The Main Building is of brick, one hundred feet long and fifty feet wide, three stories high with basement, and contains class

*Deceased

rooms, society halls, men's gymnasium, library, auditorium and executive office. The building is heated by steam and provided with its own electric light plant.

The Carnegie Science Hall, the gift of Mr. Andrew Carnegie, is a three-story building with a full height basement. It is essentially fireproof, being constructed of reinforced concrete and brick. The exterior is of colonial brick with trimmings of Bedford limestone. The basement contains a wood shop and a metal shop for applied mechanics. The first floor is devoted to physics and mineralogy; the second to biology, mathematics and astronomy; and the third to chemistry. Electrical connections are provided in all of the lecture rooms for general demonstrations and lectures.

Museum.—In the Science Hall is the Museum, small at present, but growing. The Lewis Collection of Indian relics is rare and valuable, as is also the Educational Collection of marine invertebrates and fishes contributed by the Smithsonian Institution, Washington, D. C. Friends are invited to keep in mind the importance of a museum in educational work.

The Men's Dormitory is a three-story brick building, ninety feet long by thirty-eight feet wide. The second and third floors contain twenty double rooms designed to accommodate two students each. The building is heated by steam and lighted by electricity.

Wallace Hall, situated at the corner of Summit and Macalester Avenues, one block from the main campus, is the dormitory for women, accommodating eighty students. This is a thoroly modern fire-proof building, one of the finest dormitories to be found among the colleges of the United States. The building stands on high ground and the students' rooms are so arranged that each is sunny and airy. Besides the rooms for the young women, there are three large beautifully furnished parlors, a sunny dining room seating one hundred, a well appointed gymnasium in which all of the classes in physical training for the women of the entire college are held; and the music rooms, where the Conservatory of Music meets its students. The building is steam heated and electric lighted, has hot and cold water in every room, and is equipped with shower and tub bath facilities.

Nothing has been spared to make at Wallace Hall a congenial and refined environment for the comfort and development of young women.

Drawing of rooms by upper class women occurs in the spring and freshman rooms are assigned in the order of application.

The hall government is organized under the name of the Woman's Self-Government Association of Wallace Hall, which in conjunction with the Dean of Women regulates the life of the Hall, in conformity to the customs and ideals for which the policy of Macalester College calls.

Miss Alice M. Clough presides here as House Director, and the Dean of Women, Mrs. Charles W. Williams, has her residence at Wallace Hall.

Rice Hall, named in memory of Rev. Daniel Rice, D. D., a former professor and trustee, is a frame building facing the campus, used as a practice hall by the School of Music. It contains sixteen rooms, heated by steam and lighted by gas.

Heat, Light and Power Plant.—A central plant containing two boilers, an engine and a dynamo, supplies the Main Building, the Men's Dormitory and the Science Hall with steam heat, electric light and power.

Shaw Field.—Provision for the encouragement and development of outdoor athletics has been made by the construction of the Thomas Shaw Athletic Field. This contains four acres of the campus lying directly south of the main building and is enclosed by an iron fence. A quarter-mile track, twelve feet wide, with turns on a hundred-foot radius, is one of the important features of the field. This track is on a dead level and has a foundation of coarse cinders five inches deep, on top of which is a layer of fine surfacing cinders two inches deep. The part of the field enclosed by the track is laid out as a football and baseball field and also provides room for an outdoor basketball field. The whole area within the track is perfectly level and, with the exception of the diamond, is seeded down with a special mixture of lawn grass seed which will stand the rough usage athletic fields naturally receive.

The track in front of the bleachers has straight extensions at the corners which provide a straightaway track for all the short races, while just inside the curb the proper settings are provided for the pole vault, the running broad jump and the discus throw.

A community toboggan slide, at the south end of the field, was built and presented by residents of Macalester Park.

Shaw field, which was dedicated at the opening of the school year in 1909, was named in honor of Professor Thomas Shaw,

Former President of the Board of Trustees, on account of his interest and assistance in the athletics of the institution.

Library Privileges of Macalester Students

The Macalester College Library ranks first among the small colleges of the Twin Cities in number of volumes and historic value.

The St. Paul Public Library contains 140,000 volumes, for the most part recent publications or recent editions of older works. It is located within fifteen minutes street car ride on a direct line from Macalester College, and all of its privileges are open to Macalester students. Books are ordered at the request of the faculty and may be loaned to the college indefinitely upon request.

The J. J. Hill Reference Library, just opened, is located in the same square as the Public Library. This Library will in time be the greatest reference library in the Northwest.

The Minnesota Historical Society Library has about 125,000 books and pamphlets dealing with American local history. It contains a complete collection of works pertaining to Minnesota state history, extensive collections relating to the history of the Northwest and Canada, a genealogical collection which is believed to be the largest in the West, and everything available relating to the Scandinavian elements in America. This library is located opposite the State Capitol.

Other libraries, to which students have access, are the Minneapolis Public Library which specializes in English local history and art, the State Law Library, the Board of Control, Tax Commission and Labor Commission.

Library

The Edward D. Neill Library contains about 14,700 volumes. The working collection, about 10,000 volumes, is located on the third floor of the Main Building; less used books are on other floors. For greater security the Neill collection has been placed in the museum room in Science Hall; in this building also are department collections.

The Neill collection, consisting for the most part of books presented by Dr. Neill or acquired during his librarianship, contains Americana and some sixteenth and seventeenth century editions

in theology and the classics; there are fifteen hundred volumes and a valuable collection of autograph letters.

The Dewey system of classification is used.

For maintenance of the library there is set apart each semester two dollars and fifty cents of each tuition fee.

Henry L. Moss, a trustee of the college until his death in 1902, and his wife Amanda H. Moss, who died in 1910, bequeathed to the College property which has added about $7,500 to the endowment and produces for the Library $450.

The Library is open as follows: Monday to Friday, from eight until five o'clock; Saturday, from eight to twelve, and one-thirty to five o'clock; holidays, nine to twelve, and one-thirty to five o'clock.

Easily accessible for reference are the large collections of the St. Paul Public Library, the State Law Library and the Minnesota Historical Society Library. Circulation privileges in the first-named are enjoyed by Macalester students. The Minneapolis Public Library and the Library of the University of Minnesota are occasionally consulted.

The following periodicals are on file in the Library or in the department libraries:

Advocate of Peace.
American Economic Review.
American Historical Review.
American Issue.
American Journal of Sociology.
American Mathematical Monthly.
American Political Science Review.
Annals of the American Academy of Political and Social Science.
Association Men.
Atlantic Monthly.
Bellman.
Bible Champion.
Bible Society Record.
Biblical Review.
Bookman.
Bulletin of the Pan American Union.
Century Magazine.
Chemical Abstracts.
Chemical and Metallurgical Engineering.
Christian Endeavor World.
Classical Journal.
Classical Philology.
Classical Weekly.
Contemporary Review.
Continent.
Country Life in America.
Crisis.
Current History Magazine.
Current Opinion.
Dial.
Education.
Educational Review.
English Journal.
Etude.
Expository Times.
Forum.
Harper's Magazine.
Herald and Presbyter.
Hibbert Journal.
History Teacher's Magazine.
Home Mission Monthly.
House Beautiful.
Independent.
Industrial Arts Magazine.
International Review of Missions.
Journal of American Chemical Society.
Journal of Geology.
Journal of Industrial Chemistry.
Journal of Political Economy.
Literary Digest.
Living Age.
London, Edinburgh and Dublin Philosophical Magazine.
Minnesota History Bulletin.
Missionary Review of the World.
Mississippi Valley Historical Review.
Modern Language Journal.
Musician.
Musical Quarterly.
Nation.
National Geographic Magazine.
New Era Magazine.

New Republic.
North American Review.
Outlook.
Philippine Presbyterian.
Physical Review.
Political Science Quarterly.
Popular Astronomy.
Popular Mechanics.
Proceedings of the Academy of Political Science in the City of New York.
Progress.
Protestant Review.
Psychological Bulletin.
Psychological Review.
Publications of the Modern Language Association of America.
Quarterly Journal of Economics.
Range News.
Reader's Guide to Periodical Literature.
Record of Christian Work.
Religious Education.
Review of Reviews.
St. Paul Pioneer Press.
School and Society.
School Review.
Science.
Scientific American.
Scientific American Supplement.
Scientific Monthly.
Scribner's Magazine.
Sunday School Times.
Survey.
Teachers College Record.
Union Signal.
Unpopular Review.
Woman Citizen.
Woman's Work.
World's Work.
Yale Alumni Weekly.
Yale Review.

Administration

In the administration of the college, appeal is made to the self-respect and honor of the students. They are constantly encouraged to guard well their honor and that of the institution, and to maintain a wholesome esprit de corps.

Some regulations, however, are necessary, and when students matriculate it is understood that they thereby submit themselves to the government of the college and pledge themselves to support the same while they are members of the institution. They are expected, and, by virtue of their matriculation as students of the institution, are understood to obligate themselves to act as ladies and gentlemen, to be faithful in attendance upon recitations, examinations, daily morning prayers, and Sunday morning service, and to be diligent in preparation of all tasks assigned.

Parents and prospective students should note that no fraternities are permitted, no smoking on the campus or in any of the college buildings by faculty, employees or students and no dancing engaged in by both men and women at any college function. It is from no Puritanic attitude nor from any desire to be peculiar that the college makes these prohibitions. They are enforced rigidly because scholarship and the best interests of the student body are subserved thereby.

Students whose influence is found to be hurtful, even though guilty of no serious breaches of order, will not be retained in the institution.

The dormitories are organized on the self-government plan under adequate faculty cooperation. A Student Council, composed

of student and faculty representatives, voices student opinion and cultivates student self-control.

Registration

Students are required to register by the beginning of each semester. In case of delay in registration beyond the registration days indicated in the college calendar, a fine of one dollar will be imposed for the first day and fifty cents for each subsequent day. No excuses will be granted for late registration. Students may register by mail on deposit of tuition fee.

No student is permitted to register after the fourth Monday of the semester.

Students registering later than the second Monday of the semester are required to secure permission from the heads of the departments in their respective courses.

The matter of excess registration is to be referred to the deans.

The student who has failed in more than half the work of the first semester, counted by hours, may not register for the second semester.

The prospective student will facilitate registration by procuring from the college an application blank on which his principal or superintendent should fill in the student's credits. This blank should be mailed by the proper school authority to the Registrar by the first of September.

Examinations and Reports

Examinations are held at the close of each semester. A record is kept of each student's grades, a copy of which is sent to the parent or guardian at the close of each semester.

Students who secure a passing mark in a course are graded as follows: A, B, C or D, which mean excellent, good, fair and poor, respectively. Students who do not reach a passing mark are graded as follows: Con, I or F. Con, meaning condition, implies that the student has failed in the final examination and that the deficiency may be removed by his passing in a second examination to be given later. I means that the mark is withheld by the instructor because the work required has not been completed. F means failure in term grade. In cases of failure, students may secure credit only by repeating the course entire.

For private and condition examinations a fee of fifty cents shall be paid for each examination to the Registrar, who shall thereupon issue a permit. Private examinations will be authorized by the faculty only, and for the most urgent reasons stated in writing.

Examinations for removal of conditions will be held on the second Monday after the first Wednesday of each semester at 2:20 p. m. Attendance upon these examinations is obligatory.

Degrees

Graduates of the College of Liberal Arts receive the degree of Bachelor of Arts. The degree of Bachelor of Music is granted to students who fulfill the requirements for such degree in the Conservatory of Music.

No student shall be entitled to graduate who shall not have been attending the college at least one year.

Fellowships

The Board of Trustees has offered a limited number of fellowships open to graduates of other approved colleges and carrying a yearly stipend of $300. The holders are required to devote one-half of their time to assistance in the department offering the fellowship and the other half to graduate study in the University of Minnesota.

Prizes and Scholarships

Noyes Prize.—Mrs. D. R. Noyes has given $2,000, the interest on which is used as prizes for student scholarship. Last year the senior prize was awarded to Esther Jerabek, the junior to Amy Le Vesconte and the sophomore to W. C. Thompson, Jr.

Stringer Prize.—In honor of the memory of Mr. E. C. Stringer, the college is able to offer an annual prize of twenty-five dollars, to be given to that student of the college, who, having not fewer than fourteen recitations a week, takes the first place in the preliminary oratorical contest, and represents the college in the state contest. Awarded last year to W. R. Nelson.

Debate Prize.—Mr. Walter L. Mayo, of St. Paul, offers a prize of thirty dollars, to be distributed to the six students who win positions on the state intercollegiate teams. The winners last year were L. G. Kennedy, A. L. Saeks, W. J. Shogren, and C. M. Tobin.

Macalester-Hamline Senior Prize in Oratory.—One hundred dollars in prizes is distributed among the winning contestants in an annual dual oratorical contest between the senior classes of Hamline and Macalester College. The first prize consists of fifty dollars, the second of twenty-five dollars and the third of ten dollars and three, of five dollars each.

Temperance Oratorical Prize.—Each year twenty-five dollars is given by The Board of Temperance to be divided in prizes of fifteen and ten dollars for the best orations on some phase of the temperance question.

Shaw Scholarship.—Given by Professor Thomas Shaw, of St. Paul, to the nominee of the Central Presbyterian Church, of St. Paul, yielding $50 per annum. Awarded this year to Ethel Fletcher.

Silliman Scholarship.—Offered by Mr. H. B. Silliman, of Cohoes, N. Y., and yielding $50 per annum. Awarded this year to J. M. Hargreaves.

Williams Brothers Scholarship.—Louis H. and Charles R. Williams, of Minneapolis, have given $1,000, the income from which is for the aid of a student selected by the faculty. Held this year by Hulda Hanson.

Webb Scholarship.—Mr. E. A. Webb, deceased, gave $1,000, the interest of which is to aid a candidate from the Central Presbyterian Church, St. Paul. Held this year by Florence Johnson.

Winona Scholarship.—The First Presbyterian Church has given $1,000, the interest of which is to aid a candidate nominated by this church. Held this year by Helen W. McRae.

Biology Scholarship.—Dr. Archibald MacLaren, of St. Paul, contributes $50 to aid a student in the department of biology, to be selected by the head of this department.

New England Scholarship.—The St. Paul Colony of New England women gives this year $60 to a young woman of New England parentage. Held this year by Clara Robinson.

Scott Scholarship.—Mr. William H. Scott, of Philadelphia, gives $60 for a scholarship awarded by the faculty. Held this year by Chester M. Tobin.

Paul Scholarship.—Mr. J. Rodman Paul, of Philadelphia, gives $60 annually for a scholarship awarded by the faculty. Held this year by Margaret Johnson.

McLain Journalism Scholarship.—Mr. J. S. McLain offers a prize of $50 for the encouragement of high class English work on the Mac Weekly. Awarded this year to F. O. Holmes.

Ministerial Scholarships.—Given by Board of Education of the Presbyterian Church to candidates for its ministry.

Honorary Scholarships of $50 each are offered to the first ranking student among the young men and also among the young women in each graduating class of an accredited four-year high school, provided that the superintendent certifies that such students are of honor grade.

Rhodes Scholarships.—"In order to keep this well known bequest before the minds of present or prospective students it is briefly mentioned. Circulars of full information can be obtained at the president's office. Any male student who is a citizen of the United States, unmarried, not less than nineteen nor more than twenty-four years of age and who has reached the end of his sophomore year of study, may be a candidate for one of the Minnesota scholarships. This insures to the winning contestants a three years' residence in Oxford University, England."

Loan Fund.—A loan fund of one thousand dollars has been completed by the Faculty Women's Club. This fund is now being used as a loan for short periods, without interest, preferably, to junior and senior women students.

Student Activities

The Y. M. C. A. has a membership of about seventy students. It holds its regular meeting every Tuesday morning and evening. A committee of the association is present at the college two or three days before the opening of the first semester to assist the new students. The president of this association is W. P. Keller.

The Y.W. C. A. has this year a membership of about seventy-five. Its regular meeting is held every Tuesday morning. There is also a flourishing mission-study class. The president of the association is Bertha Blair.

Literary Societies.—In the college there are five literary societies under the general oversight of the faculty. The Hyperion society admits to membership both men and women; the Athenaean and Eulogian societies admit men, and the Clionian and Philotian societies, women.

In the Music School, the Euterpean society is open to music students.

No literary society or other student organization may be established without the consent of the faculty.

Debate and Oratory.—All matters pertaining to debate and oratory are under the charge of the Forensic Board. This Board is composed of one representative from each literary society, one from each class and three representatives from the faculty.

The college takes part in four intercollegiate oratorical contests. Of these, three are state contests: the State Intercollegiate, the State Temperance and the State Peace Oratorical Contests. The other is the Hamline-Macalester Senior Oratorical Contest. A preliminary home contest is held for each of these contests, making four home contests, for which suitable prizes are offered.

Interscholastic Forensic Competition.—Macalester College has taken a great interest in developing a more natural, effective manner of public speaking among the high schools of the state. To further that end it has organized the State High School Discussion League which is now starting on its fifth year, and the State High School League in Extemporaneous Speaking which is starting on its third year. The state has been organized into districts and the winners of the district contests come to Macalester the third week in February where the state contests are held. Macalester College furnishes medals for the winners of district and state contests and shields for the winning schools.

A circular containing detailed statement of the plan and rules of the contests can be obtained by addressing Professor Glenn Clark, Macalester College.

College Band.—C. M. Wenzel, leader.

College Glee Club.—J. P. Hall, leader.

The M Club is an organization founded principally to keep those who have won the letter in touch with each other and to foster athletics.

The club was organized Dec. 9, 1913. When a Macalester student has earned an M he becomes a member on payment of one dollar initiation fee. No annual dues are paid while the student is in school.

Meetings are held about once a month when dinner is served and toasts are given by faculty members, alumni and coaches.

During the business meeting which follows, questions concerning athletics are brought up. The club does everything in its power, in keeping with the spirit of the school, to promote athletics and attract students from the surrounding territory.

Anyone who desires information concerning the college may write to the officers mentioned below, or to any M man whom he knows and the information will be given.

President, D. S. Doty, 109 North Snelling Ave., St. Paul.

Secretary and Treasurer, W. I. Orlebeke, Macalester College, St. Paul.

The Honor Scholarship Society

The society was organized in 1914 with twenty charter members. The aim of the society is to stimulate scholarship and intellectual interests in the college. It regards scholarship, intellectual leadership, originality and character as the requisites for eligibility to membership.

The society is now composed of fourteen active members. New members are elected by the faculty at the beginning of October in each year. The eligible list for new members is composed of students having an average standing of at least B and having a standing in college of at least sophomore without condition. Half of the new members selected from this list are chosen on the basis of scholarship as shown by the registrar's records. The remainder are chosen from this list by ballot of the faculty. After these are chosen, a new list may be made, including students not otherwise eligible, by a three-fourths' vote of the faculty, and from this list not to exceed two more may be elected by ballot. At the close of the school year the faculty may add to the membership of the society members of the graduating class who have exceptionally fine records through their senior year.

At graduation, active members become graduate members of the society, and are entitled to all its privileges except voting. Members of the faculty are honorary members of the society. There are at the present time thirty-seven graduate members.

The society has an active member's pin of silver, which is presented to each new member at the recognition exercises when he enters the society, and a graduate member's pin of gold, which is presented to graduating members at, or just preceding, the commencement.

The officers of the society are: President, Hulda Hanson; Vice-President, Clara G. Robinson; Secretary, W. C. Thompson, Jr.

The Executive Committee of the Society is composed of the officers named above with Professors Anderson and Clark.

The list of active members is as follows:

Grace Calder
Winnifred Bertha Canon
Mae Charlotte Coleman
Lillian Taylor Flitch
Melvin Louis Gundlach
Anna Estelle Hammerlun
Tillie Hansen
Hulda Hanson
Linnea Margaret Johnson
Walter Philip Keller
Carrie Louise Krugmeier
Amy Marie Le Vesconte
Helen Willina McRae
Violet May Olson
Mildred Peabody
Irene Marguerite Petersen
Dorothy Pratt
Marion Gertrude Reader
Gladys Harriett Reutiman
Clara Goldena Robinson
Elizabeth Schade
Ada Rose Stalker
Helen Strachan
Ruth Marjorie Swift
William Carson Thompson, Jr.

Religious Life and Exercises

Macalester was founded as a Christian college. The atmosphere of the college has always been warmly religious. The Young Men's and Young Women's Christian Associations are large and active. The city offers much opportunity for religious work. In keeping with the purpose of the founders of the college the faculty makes the following requirements:—(1) all students registering for more than five hours a week in college studies are required to include the equivalent of at least one hour a week of Bible study for the year; (2) attendance at the daily chapel exercises of the college at ten o'clock in the morning is required of all college students without exception; (3) attendance at Sunday morning church services is expected of all students and required of all who are not living at home with their parents. Presbyterian students, not living at home, are expected to attend the Macalester Presbyterian Church. Students connected with other churches either by membership or sympathies are excused to attend the church of their preference.

The Macalester Church has initiated a system of affiliated memberships, by which the student who wishes may retain his membership with his home church while at the same time coming into such relation with the local church at the college that he may

feel that he has here a church home and center for his religious life. Students are urged to take advantage of this offered affiliation.

Physical Training and Athletics

Athletics and careful physical training are required, and three dollars of the tuition fee for each semester are set apart for the support of athletics. Students are thereby entitled to admittance to all athletic contests at Macalester and to the use of the gymnasium, toboggan slide and skating rink. The athletic field is enclosed, and contains about four acres. There are a number of lawn tennis courts. A large skating rink has been provided in the midst of the oak grove at the south of the campus, and has been very popular. Trained coaches are provided for field sports.

A course in personal hygiene is required of all freshmen. On completion of two years' physical training one credit is given for this course.

Classes in physical training are conducted for young women in the gymnasium of Wallace Hall. Attendance is required of freshmen.

Teachers' Bureau

The college maintains a reliable teachers' bureau as a means of communication between graduates and superintendents and school boards desiring competent teachers. Graduates will not be recommended to positions for which they do not give good evidence of fitness. This service is given without charge. Those desiring to make inquiry in regard to teachers should address The Teachers' Bureau, Macalester College, St. Paul, Minnesota.

Vocation Bureau

A vocation bureau assists graduates to obtain positions in the various callings for which they have been trained.

Publications

The following publications are issued from the college:—

The Macalester College Bulletin, a quarterly devoted to the advertisement and advancement of the institution.

The Mac, a triennial publication devoted to college interests, published by the college students.

The Macalester Weekly, a student publication establishe in 1914. It gives expression to student opinion upon matters c college life, and gives complete accounts of all college events. Th editor-in-chief is Lucile G. Farrell.

The Gateway, a literary magazine published by the membe of the English composition classes.

Expenses

Students' fees are paid at the beginning of each semeste before completion of registration and strictly in advance, as follows:-

Tuition, regular student	$42.50
Special student (not more than eight hours)	28.00
Special student (not more than five hours)	20.00

One dollar of the tuition for the first semester is applied on the salary of special coaches.

Special fees—

Biology	$1.50 or 3.00
*Chemistry	5.00
Physics	3.00
Geology	1.00
Applied Mechanics	4.00
Homemaking	1.00
Mechanical Drawing	.50
English, 1, 2, 3	1.00
Locker, annual fee	1.00
Diploma	5.00
Men's guarantee fee	1.00

*This is a deposit fund. The actual fee charged will be based upon t cost of material.

No deductions are made except for sickness lasting a mon or more.

Credits are withheld until all obligations are met.

From tuition fees the trustees, on recommendation of the facul and students, appropriate the following amounts: athletics, $; library, $2.50; band, orchestra, debate and oratory, 50 cen "The Mac," 50 cents; "Mac Weekly," 75 cents.

Refunding Tuition.—If a student leaves the institution any time after entrance without the approval of the faculty because he has been suspended or dismissed, no money is refund. Those withdrawing for other reasons, on or before the middle of semester, will be allowed an equitable percentage on tuition pa.

Special Rates

1. Sons and daughters of ministers of any denomination a allowed a rebate of eight dollars each semester on tuition.

2. All candidates for the ministry, of whatever church or denomination, are allowed a rebate of eight dollars each semester on tuition upon the following conditions:—

(1) Candidates for the Presbyterian ministry shall be under the care of presbyteries, and shall present to the treasurer certifications to this fact from the clerks of the presbyteries. Candidates for the ministry of other denominations shall have their purpose to enter the ministry properly certified to by the proper ecclesiastical authorities.

(2) All such students will be held in honor bound to refund to the college treasury the amount of tuition rebated, in the event of their abandoning their purpose to enter the ministry.

The above concession, tho made at a great sacrifice to the college, is offered cheerfully, with the purpose of enhancing, as far as possible, the usefulness of the college. It is, however, justly expected of those who are thus helped that they will be faithful in promoting, as far as possible, the welfare of the institution and that they will complete their course of study at this institution.

3. When more than one person from the same family attend college at the same time a rebate of $4 on tuition fee will be allowed to each person after the first. This rule does not apply to those receiving other privileges or rebates.

Rooms and Board

Room rents for all college buildings and board at Wallace Hall are to be paid in advance each month of twenty-eight days.

Wallace Hall for Women

Board per week, each person.....$4.50
Room rent per week, each person.....$1.50 to 2.00

The trustees reserve the right, in view of possible fluctuations in cost of supplies, at the end of the first semester to raise or lower the charge for board.

Men's Dormitory

Room rent per week—corner rooms $1.25
Room rent per week—inner rooms 1.00
For each person.

All rooms have two occupants and the rentals include light and heat.
Men students board at The Commons, or in private families.
Board costs on an average fifty cents a day or $3.50 to $4.00 a week.
Rooms in private families per month, $6.00 and up.

Occupants of dormitory rooms are held responsible for their rooms for the semester unless obliged to withdraw from college.

Each student in the college dormitories is required to deposit $2.50 (including deposit for key) as a guarantee against damage to college property, and to make it up to that amount at the opening of each semester thereafter. From this fund are deducted (1) charges for damage for which he is personally responsible; (2) charges (pro rata) for damage done in dormitories by unknown hands. The surplus, if any, is refunded to the students at the end of the year, or when they leave the dormitory.

Rooms

(1) **Furniture.**—All rooms in men's dormitories are furnished with bedsteads (two-thirds size), mattresses, pillows, dresser stand, bowl and pitcher, study table, book shelves and three chairs. The toilet room lavatory is supplied with hot and cold water. Students in the dormitories must provide their own bed clothing, towels, and carpets or rugs. In Wallace Hall there are single iron beds, mattresses, pillows, dresser, study table, two rockers, two study chairs, a lavatory with hot and cold water, steam heat and electricity. Floors are of hardwood.

(2) **Application.**—Application for room in the dormitories should be made as early as convenient to the President. Reservation in Wallace Hall is $3; in men's dormitory, $1. This applies on first month's rent. Rooms will not be held later than the opening of the term unless the room rent is advanced for the period of delay. In case applicants fail to come, the money advanced will not be returned. Rooms will be assigned in the order of application.

No deduction is made for vacations during school year. Students are charged for their rooms till they are formally vacated—whether continuously occupied or not—and keys surrendered.

Each dormitory tenant is held responsible for the rent for the entire semester. A student may shift this responsibility by securing a new tenant not occupying dormitory quarters, but is relieved from the obligation only on withdrawal from the college for good reasons.

Students working for the college will have all bills due the college deducted from the amount due them before being paid for work performed.

Students who are in arrears at the end of any semester will be refused credits for the semester's work until all bills incurred by them have been paid; also future registration will be denied and no

class work allowed until settlement satisfactory to the treasurer has been made.

Self-Support

Students desiring to do something toward defraying their own expenses can usually find some way of doing so. Many find work on Saturdays, in stores and other places of business, and have thus paid a large part of the expense of their board. Others have earned their board by working mornings and evenings. It is seldom that any worthy, capable student with energy and tact fails to find some means by which he may work his way thru college, provided the summer vacation is improved to increase his income.

The Y. M. C. A. employment bureau has been organized to assist students in finding work. There are opportunities for work in stores and offices, caring for furnaces, waiting in clubs and carrying newspapers, and in many other ways dependent upon the student's fitness. Valuable suggestions as to employment and the financial side of college life are gladly furnished to prospective students on application and every effort to assist the new-comer is cheerfully made. Address all communications to Chairman Employment Committee, Macalester College, St. Paul.

Telephone

The college office telephones are N. W. Midway 486 and T. S. 82522; Conservatory of Music, N. W. Midway 2656.

College of Liberal Arts

The *men of experiment* are like ants—they only collect and use.

The *reasoners* resemble spiders, who make cobwebs out of their own substance.

But the bee takes a middle course; it gathers the material from the flowers, but digests it by a power of its own.

So *true philosophy* neither chiefly relies on the powers of the mind, nor takes the matter which it gathers and lays it up in the memory, whole as it finds it, but lays it up in the understanding, to be transformed and digested. —*Francis Bacon.*

GENERAL VIEW OF COLLEGE BUILDINGS

Men's Dormitory

Main Hall

Science Hall

Entrance Requirements

General Statement

The satisfactory completion of fifteen units of properly co-rdinated work is required for admission to the freshman class of the ollege. The following units are required: three in English, one in lgebra and one in Geometry. Not more than four units in vocational ubjects (including Agriculture, Commercial Work, Domestic Science nd Manual Arts) may be presented. It is strongly recommended hat the student submit two or more units of consecutive work in ome foreign language. By a unit is meant four or five recitation eriods a week in a subject, carried thruout a year of thirty-six weeks. he recitation periods must be not less than forty minutes in length

Admission by Certificate

From Accredited High Schools and Academies.—Grad-ates of accredited high schools and academies requiring a four-year ourse are admitted without condition to the freshman class, subject o the requirement of the preceding paragraph. Accredited schools re those on the list of the North Central Association of Colleges and econdary Schools, the list of Minnesota high schools prepared by he State Superintendent and similar lists of the high schools of ther states.

Applicants for admission to the freshman class should apply o the Registrar for the Applicant's Admission Blank, which should e filled out by the principal of the high school or academy in which heir courses were taken, and mailed by him to the Registrar, by he first of September.

From Unaccredited High Schools and Academies.—raduates of such schools should secure the Applicant's Blank from he Registrar of the college, and have it filled out and sent to the egistrar as in the case of Accredited Schools. The credits will hen be evaluated by the Matriculation Committee of the College nd if satisfactory the student will be admitted.

Admission by Examination

Students not presenting certificates as provided for above must present a course of study equal to a four-year high school course. Such students will be examined in the course presented by them and will be admitted to freshman standing on passing the examination satisfactorily. These examinations will be given on the Monday and Tuesday preceding the opening of the college in September.

Suggestions to Students Preparing for Macalester College

The following suggestions respecting high school courses are not mandatory, but may be of value to future college students, now in high school or academy.

Suggested Units.—Students intending to major in Groups I or II (see page 44), are advised to present the following units for entrance:

English 4
Latin 4
Modern Language 2
Algebra 1½ or 1
Geometry 1½ or 1

The remaining units may be selected from the following:

History 1 or 2
German 2
Greek 2
French 2
Chemistry 1
Botany ½ or 1
Physics 1
Civics ½
Physiology ½ or 1
Zoology ½ or 1
Physical Geography ½ or 1
Manual Training ½ or 1

Students intending to major in Group III are advised to present the following ten units:

English 4
German or French 2
Chemistry or Physics 1
Algebra 1½
Geometry 1½

The remaining five units may be selected from the following:

Chemistry (if not above) 1
Botany ½ or 1
History ½, 1 or 1½
Zoology ½
French 1 or 2
Manual Training ½
Physics (if not above) 1
Physiology ½
Greek 1 or 2
Physical Geography ½ or 1
German 1 or 2
Civics ½

Suggested Courses of High School Study.—The following courses of study are suggested to students now in high schools who are preparing for entrance to Macalester College. Courses such as these will furnish substantial preparation for the work of the college and will articulate well with its courses:

Composition and Rhetoric 2 units
Literature 2 units
Algebra 1½ unit
Geometry 1½ unit
Latin 2 or 4 units
Greek, French or German 2 units
History and Civics 2 units
Natural Science 2 units

Admission with Advanced Standing

From Other Colleges.—Students coming from reputable institutions of collegiate grade should present letters of dismissal and are then given standing in Macalester College, allowing a fair equivalent on the course here for work done elsewhere.

From Normal Schools.—Credits from Normal Schools are to be reckoned according to the nature and quality of the work presented as judged by the Registration Committee. This committee consists of the Registrar and the Dean.

From High Schools and Academies.—Ordinarily, no credit will be allowed on the college course for excess units of work done in the high school or academy. A student asking for such credit should note the following conditions:—

(1) No credit will be allowed except for an excess beyond seventeen units of high school or academy work.

(2) No credit will be allowed except after an examination by the college instructors to whose departments the subjects belong.

(3) In no case will credit be given for more than half the time which the subjects consumed in the preparatory school course.

(4) The Matriculation Committee will decide which of the student's excess units may be submitted for college credit.

All credits from other institutions, for which the student wishes credit in this institution, must be presented at the time of registration. Credits presented later from other institutions will not be considered.

Requirements for Graduation

The College of Liberal Arts offers courses leading to the degree of Bachelor of Arts.

One hundred and twenty-seven credits are required for graduation, the term credit meaning one hour a week for one semester in class room or two hours a week in laboratory. These credits must be secured with reference to the group from which the student has chosen his major, as follows:

Required in All Courses.—

(1) 7 credits in Religious Education, Mental Science 2, and Vocation 1.
9 credits selected from Greek 9, History 3, Mental Science 11 and Religious Education.
At least two of these credits must be secured each year.
(2) 6 credits in English 1.
(3) 6 credits in Social and Political Science and History.
(4) 3 credits in Mental Science 1.
(5) 1 credit in Personal Hygiene.

32 credits required of all.

Major in Group I.—

(1) 14 to 42 credits in foreign language. At least 14 credits must be secured in college and the total with entrance credits from high school must be 42. Of these there must be 28 in one language, 14 in another. 14 credits must be in Latin or Greek. One entrance unit counts as 6 credits.
(2) 12 credits in Group III.
(3) 20 credits in major subject.
(4) 21 to 49 credits elective.

Major in Group II.—

(1) 14 to 28 credits in foreign language, total with entrance credits must be 28. No less than 14 credits in one language will count toward this requirement.
(2) 18 credits in Group II other than the major and Religious Education.
(3) 12 credits in Group III.
(4) 20 credits in major subject.
(5) 49 to 63 credits elective.

Major in Group III.—

(1) 8 credits in Mathematics 1 and 2.
(2) 14 credits in a modern language unless the student has presented 18 entrance credits in a modern language or 12 credits in one language and 6 in another.
(3) 18 credits in two subjects in Group III other than the major.
(4) 20 credits in major subject.
(5) 67 or 81 credits elective.

Special Credits.—Members of the College Glee Club and college band are allowed one credit each a year upon recommendation of adviser.

Points Required for Graduation.—In addition to the one hundred and twenty-seven credits mentioned above are required:

(1) An equal number of honor points, granted as follows: for each credit toward graduation earned by the student with a mark of A, three honor points are given; for each credit with a mark of B, two honor points; for each credit with a mark of C, one honor point. A mark of D carries with it no honor points.

(2) Ten points in Physical Education (required of each man), one point to be allowed for the course in Personal Hygiene which is required of all freshmen, and three points to be allowed for a season's work in the regular gymnasium class or in any of the recognized athletic sports (football, basketball, baseball, track and tennis). Four of these ten points must be obtained during the freshman year; and three during the sophomore year. The number of points obtainable in any one year toward satisfying the requirement is limited to seven.

Courses for the Freshman Year

In the Freshman year the student is required to select one of the following courses according to the group in which his major will probably be.

GROUP I.

Religious Education 1, 2 hours
Vocation 1, 2 hours
English 1, 3 hours
Latin, Greek, French or German (to complete requirements above), 4 hours
One subject from Group III
Elective
Personal Hygiene
Physical Education (men), 3 points

GROUP II.

Religious Education 1, 2 hours
Vocation 1, 2 hours
English 1, 3 hours
Latin, Greek, French or German (to complete requirements above), 4 hours
One subject from Group III
One subject from Group II
Personal Hygiene
Physical Education (men), 3 points

GROUP III.

Religious Education 1, 2 hours
Vocation 1, 2 hours
English 1, 3 hours
Latin, Greek, French or German (to complete requirements above), 4 hours
Mathematics, 4 hours
One subject from Group III
Personal Hygiene
Physical Education (men), 3 points

The elective courses for the freshman year are:—

Religious Education 1 (second semester)
Biology 1, 2
Chemistry 1
Expression 1
Foreign Language
History 1, 5, 6
Mathematics 1a, 1, 2, 9
Music
Applied Mechanics 1
Mental Science 1, 2
Social Science 1, 11

Language requirement must be completed if possible by the end of sophomore year.

Science requirements of the student, whose major is in Group I or II, must be completed by the end of the junior year.

History and social science requirements must be completed by end of junior year.

Majors and Minors.—Each student who is working for a degree must elect by the beginning of the junior year, under restrictions stated below, one major and two minors from the fourteen following departments:—

GROUP I.

1. Latin
2. Greek
3. German
4. Romance Languages
5. English

GROUP II.

1. Religious Education
2. Philosophy and Education
3. Social and Political Science
4. History
5. Music

GROUP III.

1. Chemistry
2. Physics (including Applied Mechanics 2 for major)
3. Biology
4. Mathematics

Terms Defined.—A *major* consists of twenty credits obtained in one department.

A *minor* consists of twelve credits obtained in one department.

Restrictions on Choice.—

(1) At least one of the minors must be in a different group from the major. The minors are subject to the approval of the student's adviser.

(2) The following courses are not counted toward a major or minor:—Bible 1 (one semester) and 2, Chemistry 10, English 1.

(3) French 1-2, German 1-2, Greek 1a, Latin 1-2 and 3-4, Mathematics 1a and 9, Mental Science 1, Biology 1 and 2, Physics 1 and Social and Political Science 1 and 11 are not counted toward a major. In Physics students must present one year of high school work in the subject in order to begin a major or minor.

Five Students Required for a Class.—The college does not hold itself bound for instruction in any elective course for which fewer than five students make request to the Registrar. Such classes may, however, be organized at the option of the instructor.

Theses.—On or before the opening of the second semester of his junior year, each candidate for a degree shall select the subject of a thesis connected with the subject which he is making his major. This subject must be chosen in consultation with the head of the department to which the student's major belongs and with his approval.

The completed thesis shall be typewritten and filed with the Librarian on or before the first of April preceding the student's graduation. Such thesis must be prepared according to regulations to be obtained from the Librarian, and must bear the signed approval of the head of the department. Further, these theses must be accompanied by a complete bibliography of works consulted and analysis. Ordinarily, they will not be accepted if they exceed 6,000 words in length.

Classification of Students

Classification without Conditions.—For freshman classification, as stated before, fifteen units of acceptable high school

work or their equivalent; for sophomore, thirty-two college credits in addition to the entrance requirements; for junior, sixty-four credits in addition to the entrance requirements; for senior, ninety-six credits in addition to the entrance requirements.

Classification with Conditions.—A student is classified as sophomore on gaining twenty-four college credits; he is ranked junior on obtaining fifty-four college credits; he is ranked senior on obtaining ninety college credits.

All conditions from previous years must be removed by the end of the first semester of the senior year.

Change of Course.—Registration at the beginning of the semester fixes the course of study for the student. After that no change is permitted without the written consent of the instructors concerned and the student's adviser. Dropping a subject comes under this rule.

After four weeks from the opening of college no card for dropping or electing courses shall be signed except by special permission of the faculty.

Unfinished Courses.—Students who drop a year course at the end of one semester lose all credit in that course unless some distinct phase of the subject is completed; in which case, the instructor may grant the credit.

Attending Courses as a Visitor.—Upon the approval of the adviser, a student shall be permitted to attend not to exceed four hours a week in classes for which he is not regularly registered. No credit is allowed for such attendance.

Preparation for Study of Vocations

The system of majors and minors and the elective system in use here permit the student to frame his college course with some reference to his future vocation. The student on selecting his vocation should, as soon as convenient, decide what school he will probably attend, then acquaint himself with its requirements for entrance, and shape his college course to meet those requirements. In general, however, the student will find the following courses helpful to him in his future vocational study.

For the Study of Medicine.—The following course is strongly advised for students who are preparing for the study of medicine. Those taking such a course are given a bachelor's degree upon the

satisfactory completion of the first year's work in a recognized medical school.

Freshman Year	Sophomore Year	Junior Year
Chemistry 1 and 3	Biology (General Zoology and Vertebrate Anatomy)	Organic Chemistry
English	French or German	Histology and Human Physiology
French or German	History or Social Science	Psychology and Ethics
Mathematics 1 and 2	Religious Education	Elective
Vocation and Religious Education		

For the Study of Law.—The value of a full college course in preparation for the study of law cannot be disputed. Macalester offers a number of courses that are invaluable to law students, and a college course arranged with this group of subjects as a nucleus is suggested below, showing also the possibility of a well rounded college course that is designed to develop the best that is in the student.

Suggested Course to Law Students

Freshman Year	Sophomore Year
English	Public Speaking and Argumentation
Foreign Language	Foreign Language
Vocation and Religious Education	Religious Education
Sociology and Economics	History of Economic Theory
Science	Psychology and Ethics
History	
Junior Year	**Senior Year**
Roman Law and Jurisprudence	International Law
English Constitutional History	History
Debate and Oratory	Religious Education
Religious Education	Electives
Electives	

For the Christian Ministry and Missionary Teaching.—The department of religious education and the electives in Greek Testament, philosophy, ethics and history offer a course well adapted to those who have the gospel ministry in view. Those, too, who are preparing to be missionary teachers will find in the wide range of Bible study pursued in the college an indispensable and very attractive adjunct to their course.

For Teaching.—The college has made special provision for the needs of students who wish to fit themselves for the teaching profession. The student should remember that there is the content side of his preparation and the technical side. The former part of the preparation he will obtain by directing his college studies thru the majors, minors and elective studies to the subjects which he will teach, with their related topics. The latter he will find in the courses in sociology, psychology, logic, ethics, history of philosophy, history and principles of education. This preparation will then be

supplemented by practice work to increase his insight into the principles of his profession and give him skill.

Attention of young men is invited in particular to the laboratory shop courses and manual training teachers' course which, in connection with the science courses, fit men for positions for which there is at present great demand.

For Business and Technical Vocations.—If a student has chosen his vocation before entering college special courses are offered to help him find his capacities and to develop them. He is given a thesis for his vocation that he may gather data about it. By the use of psychological methods he builds up abilities to fit him for particular positions and to guide him into a knowledge of his vocation. He is taught how to use the college courses for this purpose.

Senior Electives in Professional Schools.—Students intending to study for some profession, who are obliged to shorten their course in preparation, may in the following manner save one year while still obtaining their degrees. After completing three years of the college course and being enrolled for the fourth year, they may take the first year of a professional course in any school approved by the faculty in place of the work of the senior year.

Conditions Required.—This will be permitted subject to the following conditions: first, the required studies of the college must be completed in every case; secondly, a certificate must be presented from the professional school, showing the successful completion of the work of the first year in that school.

Students Not Candidates for a Degree

Students not expecting a degree will be admitted to the college under the following conditions:—

(1) They must present the requisite entrance credits, fifteen units for unconditioned registration, at least thirteen and a half for conditioned registration.

(2) They will be restricted in their choice of courses to such as their previous studies furnish a preparation.

(3) They are not excused from the operation of any of the regulations of the institution, which apply to the general student body.

These conditions being met, such students are classified according to the number of credits they have obtained, and are entitled to all the privileges of the college life.

The least number of hours which a student is allowed to carry is twelve, except by special action of the faculty in very exceptional cases.

Student Advisers

For registration, advice and supervision all students will be assigned to faculty advisers. Each faculty member will have from fifteen to twenty students, making it possible for each student to receive special attention in regard to his course. The adviser assists the student in the arrangement of a course of study in harmony with his tastes or prospective vocation. The aim of this system of advisers is more intensive and consistent courses of study, vocational direction, timely warning to laggards and closer and more friendly cooperation. Assignments to an adviser are made by the Dean of the College, with the purpose of securing to each student that adviser who will be of the greatest service to the student. When students have definitely fixed upon a vocation in life, they will be assigned to that member of the faculty whose department is most akin to the work they have in view. Students who have fixed upon their major study will be assigned to the head of the department to which that major study belongs.

Courses of Study

Biology

ADJUNCT PROFESSOR HOPKINS

Courses 1 and 19, 20 are not counted toward a major.

1. General Biology.—
A general consideration of fundamental principles and laws relating to both animal and plant life. Required as a prerequisite to all other courses in the department.
First semester, three credits. Only two credits will be allowed juniors or seniors taking this course.

2. Invertebrate Zoology.—
Classification, life-histories and economic importance of the invertebrates. Typical forms are studied in the laboratory.
Prerequisite, course 1 or equivalent. Second semester, three credits.

3. Vertebrate Zoology.—
Comparative anatomy and classification of the vertebrates. One representative of each class is studied in the laboratory.
Prerequisite, course 1 or equivalent. First semester, three credits.

4. Vertebrate Embryology.—
A study of the development of the frog, the chick and the pig.
Prerequisite, course 3. Second semester, three credits.

5. Vertebrate Histology.—
An elementary study of the microscopic structure of the tissues and organs of the vertebrates; also the methods of preparing material for such study.
Prerequisite, course 3. First semester, four credits.

6. Entomology.—
The structure, life-histories and economic importance of the principal groups of insects.
Prerequisite, course 2. Second semester, three credits. Field work will be required in the spring.

7. Human Physiology and Anatomy.—
An elementary study of the structure of the human body and the functions of its parts.
Prerequisites, course 1 and Chemistry. First semester, four credits.

10. Theoretical Biology.—
A discussion of adaptation and the different theories of evolution and heredity, etc.

Prerequisites, courses 2 and 3 or 7. Three hours class work, no laboratory. Second semester, three credits.

11. General Botany.—
A general consideration of the morphology, physiology and ecology of flowering plants.

Prerequisite, course 1. First semester, three credits.

12. Systematic Botany.—
A systematic study of plants from the algae to the flowering plants and the evolution of plants.

Prerequisite, course 1. Second semester, three credits. An additional credit will be given in this course for field work on the spring flowers.

16. Microbiology.—
A study in the class-room and laboratory of bacteria and related forms, and especially their relation to the diseases and industries.

Prerequisite, course 1 and Chemistry. Second semester, four credits.

19, 20. Teachers' Course.—
For those who intend to teach biology. Practical work is given in the laboratory. Weekly conferences are held on the methods of teaching, planning of courses and reviews of textbooks.

Prerequisites, courses 2, 3, 10, 11, 12. One year, four credits.

Chemistry

PROFESSOR JONES

1. General Inorganic Chemistry.—
The course includes a thoro study of the principal elements and their compounds, their occurrence in nature, preparation in the laboratory, etc.; also an introduction to the study of qualitative analysis.

One year, seven hours a week, eight credits. Six credits will be allowed seniors taking this course.

This course counts four credits toward a major or minor if the student's grade is B or better.

2. Advanced Inorganic Chemistry.—
This is a continuation of course 1, with an introduction to physical chemistry.

Prerequisite, course 1. One year, six hours a week, six credits.

3. Qualitative Analysis.—

Lecture and laboratory work, including the detection and separation of the metals and the identification of the acids. The last few weeks of the year are spent in the analysis of specimens of rock and earth. Instead of this, the student may make a study of materials used as paint pigments and the methods used in paint analysis.

Prerequisite, course 1. One year six or eight hours a week, six or eight credits; or second semester, twelve hours a week, six credits.

4. Quantitative Analysis.—

Lecture and laboratory work. This includes an introduction to the gravimetric and volumetric analysis and a study of the methods of determination of atomic weights.

Prerequisite, courses 1 and 3. One year, six or eight hours a week, six or eight credits.

5. Organic Chemistry.—

A course of lectures on organic chemistry, including a study of the aliphatic and aromatic compounds. The chemistry of foods, oils, explosives, etc., is considered. Some of the important compounds are prepared before the class. A laboratory fee of one dollar is charged, except when course 6 is also taken.

Prerequisite, course 1. One year, three hours a week, four credits.

6. Laboratory Course in Organic Chemistry.—

To be taken with or upon completion of course 5. Organic compounds are prepared and studied. Quantitative results are expected. This course should be taken with course 5, when possible.

One year, six hours a week, four credits.

7. Advanced Organic Chemistry and Qualitative Organic Analysis.—

This course is a continuation of courses 5 and 6. The detection of common food adulterants will receive attention.

Prerequisite, courses 1, 2, 3, 5 and 6. One year, six hours a week, six credits.

8. Food Analysis.—

Milk and butter analyses receive special attention.

Prerequisite, courses 1, 3 and 4. One year, six hours a week, four credits, or one semester, twelve hours a week, four credits.

9. Water Analysis.—

Prerequisite, courses 1, 3 and 4. One semester, six hours a week, three credits.

10. Teachers' Course.—

This course is designed for those who intend to teach chemistry. They are given practical work in the laboratories, instructing students beginning chemistry, preparing solutions, etc. A course of lectures is given on the teaching of chemistry.

Prerequisite, courses 1 and 3. One year, three or six hours a week, two or four credits. No fee is charged.

Credits not counted toward a major or minor.

Education

PROFESSOR ANDERSON

1. Principles of Teaching.—

A course in teaching for prospective teachers in secondary schools. The course includes the physical and mental characteristics of the adolescent pupil; the cultivation of proper methods of study on the part of the pupil; the general methods of teaching with illustrative applications. Instruction is by means of text-book, lectures, collateral readings, quizzes. Reports on visits and observations in the city schools are required. Each student in this class must present, not later than June the first, a complete set of plans for twenty consecutive lessons in an approved subject.

Prerequisite, twenty-four credits. First semester, three hours a week, three credits. Students taking this course are advised to register at the same time for Philosophy 1, unless they have already obtained credit in that course. Required for faculty recommendation for teaching.

2. Administration and Management.—

This course opens with a preliminary sketch of the origin of our school system. Then follows a study of the organization and administration of our schools. Attention will be given in particular to the secondary school system. Here are included the rise and growth of high-schools, their purposes, kinds, curricula, etc. The course concludes with a discussion of the problems of class management.

Prerequisite, twenty-four credits. Second semester, three hours a week, three credits.

3. History of Education.—

A general course in the history of education. It includes ancient oriental education, education in Greece and Rome, and through the medieval times. A fuller treatment is accorded

the educational movements from the Renaissance to the present. The purpose is not only the possession of the facts, but also the application of them to the interpretation of present theory and practise. Students taking this course are advised to take a course in European history, if they have not already done so. Instruction is by means of text-books, lectures, and collateral readings.

Prerequisite, twenty-four credits. First semester, three hours a week, three credits. Not offered 1919-1920.

4. **Present Systems and the Philosophy of Education.**— This course takes up the work where the previous course leaves off, with a study of some modern educational systems. Chief attention is given to a study of the British, German and French systems in comparison with our own. Each student is required to make a study of some phase of foreign education and prepare a careful written report on it. The study of the modern systems is then used as a basis for a consideration of the aims of education immediate and remote. The student is encouraged to formulate to some extent his own philosophy of education.

Prerequisite, course 3. Second semester, three hours a week, three credits. Not offered 1919-1920.

For further courses in Education, see the various departments of instruction in the college; and, further, all courses in the department of Mental Sciences and Philosophy.

The following courses are included in this department:—

Religious Education 8
Biology 19, 20
Chemistry 10
English 11
German 11
History 10, 11
Latin 16
Mathematics 7
Applied Mechanics 2
Physics 5

The work in practice teaching is given in connection with the courses in teaching in the various departments, as given above, and is in the care of the heads of those departments.

English

PROFESSORS JOHNSON, CLARK, WHITRIDGE, HALL AND MCRAE

This department offers a major in English Literature and a minor in Expression or English Composition. Courses offered as English Composition may be counted toward a major in English Literature.

1. Composition and Public Speaking

PROFESSORS CLARK, HALL AND MCRAE

1. **Composition.**— PROFESSORS CLARK, HALL AND MCRAE
This course is required of all freshmen. Its purpose is to give the student practice in speaking and writing and to lay a foundation for future work in English. Descriptive and narrative writing are studied the first semester, and expository writing the second semester.
Students who are deficient in punctuation, spelling and sentence structure are required to make up these deficiencies in a separate course for which no college credit is given.
One year, three hours a week, six credits.

2. **Expository Writing.**— PROFESSOR CLARK
The chief emphasis the first semester will be upon accuracy rather than fluency, and much attention will be given to mastery of sentence structure. In the second semester students will be encouraged to do vital, spirited writing, the best of which will be published in the Gateway Magazine. Students who have shown thoro mastery of the fundamentals of rhetoric in English 1, may be admitted to the second semester without taking the first semester work.
One year, two hours a week, four credits.

3. **Short Story Writing.**— PROFESSOR CLARK
This course is open to all who have completed one or two semesters' work in English 2, or who have shown unusual aptitude for writing in English 1. The best stories written in this course will be published in the Gateway Magazine.
One year, two hours a week, four credits.

4. **Newspaper Writing.**— PROFESSOR CLARK
(a) Introductory Course—This course introduces beginners to the theory and practice of journalism. Members of the class are required to write regularly for the Mac Weekly, and the best books on journalism furnish materials for reports made by students to the class. This course may be elected for either or both semesters.
One year, one hour a week, two credits.

(b) Advanced Course—Some of the larger problems of metropolitan and rural journalism will be studied and opportunities for practice in both fields will be granted members of

the class. A miniature press bureau will be conducted as a part of the laboratory equipment of this class. Editor J. S. McLain of the Minneapolis Tribune will be consulted in the planning of the course, and whenever the size of the class warrants it, lectures will be given by editors and reporters of the Twin City papers.

One year, one hour a week, two credits.
All new students who wish appointment to the Mac Weekly staff must register for this course.

5. **Seminar in Advanced Composition.**— PROFESSOR CLARK
This course is designed for those who have done or wish to do some original writing outside of the regular class room work. No student should enroll for this course until he has consulted with the instructor.

Prerequisite, fifty-four credits. One semester, one hour a week, one credit.

6. **Play Writing.**— PROFESSOR CLARK
This course will be offered the second semester on alternate years if there is sufficient demand for it.

Prerequisite, fifty-four credits. One year, four credits.

7. **Public Speaking.**— PROFESSOR CLARK
The object of this course is to correct a student's faults in public speaking and enable him to present a message effectively from the platform.

First semester, two hours a week, two credits.

8. **Argumentation and Debate.**— PROFESSOR CLARK
A study and analysis of great debates by Calhoun, Webster, Lincoln and others. Abundance of practice is given in drawing up of briefs and in actual debating.

Prerequisite, twenty-four credits. Second semester, two hours a week, two credits.

9. **Extemporaneous Speaking.**— PROFESSOR CLARK
The object of this course is the development of a natural, direct and effective manner of speaking. Weekly extemporaneous speeches, thoroly outlined, are required of the class and also one long written address suitable for public presentation.

Prerequisite, twenty-four credits. Second semester, two hours a week, two credits.

10. **Seminar in Debating and Oratory.**—
Open to those who represent the college in intercollegiate debates and in the state oratorical contest.

One semester, two hours a week, two credits.
Students interested in debate and oratory will find it helpful to take Mental Science 3 (Logic) and courses in Expression and Economics.

11. Teachers' Course.— PROFESSOR CLARK

This course is designed to prepare students to teach English in secondary schools. The work consists of lectures, reports and actual practice teaching.

First semester, two hours recitation, two hours practice work, three credits.

15. World's Masterpieces and Modern Tendencies.— PROFESSOR CLARK

In the first semester the student will be introduced or reintroduced to such masters as Homer, Dante, Goethe and efforts will be made to estimate their contribution to their age as well as to modern times. In the second semester the class will attempt to estimate the trend of modern day forces, especially the spirit of American nationalism and the new literature growing out of the Great War.

Prerequisite, fifty-four credits. One year, three hours a week, six credits.

2. English Language and Literature

PROFESSOR JOHNSON

22. American Literature.—

Lectures and critical reading of selected authors; themes on assigned reading.

Prerequisite, course 1. One year, three hours a week, six credits.

23. Old English.—

A study of the language, and reading of selections from the Old English Chronicle, King Alfred, Aelfric and the simpler poetry; Beowulf.

Prerequisite, course 1. One year, three hours a week, six credits. Not offered 1919-1920.

24. English Literature.—

The aim of this course is to emphasize the main facts in the development of English literature from the seventh century until about 1600. Chaucer and Spenser are extensively read and discussed.

Prerequisite, course 1. One year, three hours a week, six credits.

25. English Literature.—

Shakespeare and Milton.

One year, three hours a week, six credits. Not offered 1919-1920.

26. The Drama in England.—
Special attention will be given to the writings of the minor dramatists of the Elizabethan period. While the course deals chiefly with the English drama, attention will be given to other literatures.

Prerequisite, courses 1, 24 and 25. One year, three hours a week, six credits. Not offered 1919-1920.

27. History of Literary Criticism.—
A study of the principles governing literary composition.

Prerequisite, courses 1 and 24. First semester, three hours a week, three credits.

28. Browning and Tennyson.—
A comparative study.

Prerequisite, courses 1, 24 and 27. Second semester, three hours a week, three credits.

29. The English Novel.—
Its rise and development.

Prerequisite, courses 1 and 24. One year, three hours a week, six credits. Alternate for course 26.

Any of the above courses may be elected by the semester.

3. Expression

ADJUNCT PROFESSOR WHITRIDGE

A. Elocution and Voice Training.—
1. Theory. The principles underlying the art of expression and literary interpretation.
2. Practice. Deep breathing. Correction of voice faults and mannerisms. Factors of expression. Analysis and interpretation of the classics. Reading and speaking.

One year, three hours a week, four credits.

B. Literary and Dramatic Interpretation.—
Pantomime. Adaptation of the short story and play for platform work. Story telling. Scenes and original presentations.

Prerequisite, course A. One year, two hours a week, four credits.

C. Shakespeare and Modern Drama.—
Analysis and presentation.

Prerequisite, courses A and B. One year, two hours a week, four credits.

Geology

PROFESSOR ALEXANDER

1. General.—
A general study of the forces at work within and upon the surface of the earth, the structural forms which these forces have produced and the history of the earth and the life upon it. Illustrated lectures combined with recitations and quizzes upon text work assigned. Field work for the study of local geology.

One year, three hours a week, six credits.

2. Mineralogy.—
A short course in mineralogy including a brief study of crystal forms and practical methods for the identification of the common minerals.

Prerequisite, Chemistry 1. First semester, three hours a week, three credits.

3. Fossil Biology.—
A short course in fossil biology. This includes a study of the methods used for collecting, identifying and interpreting fossil forms and their life relationship.

Prerequisite, elementary biology or geology 1. Second semester, three hours a week, three credits.

Greek

PROFESSOR HALL

Course 1a is not counted toward a major.

1a. Grammar.—
A study of the elements of the language. Drill in form, vocabulary, syntax and composition. Readings from Xenophon's Anabasis.

One year, five hours a week, ten credits.

1. Xenophon or Lucian.—
The Hellenica, Books I and II, with discussion of the earlier stages of the Peloponnesian war; or Lucian's Charon or Timon and selected short dialogues, with a survey of the literary and social conditions of the age.

First semester, four hours a week, four credits.

2. Homer or Herodotus.—
The Iliad, Books I-IV in literary and grammatical study; or Herodotus, stories, and selections from Book VII, with a careful consideration of accidence and syntax, of the Ionic dialect.

Second semester, four hours a week, four credits.

3. Athenian Orators.—
Selected orations of Lysias and Demosthenes. Theme work on Isaeus, Isocrates and others. Athenian legal procedure.

Prerequisite, course 2. First semester, three hours a week, three credits.

4. Plato.—
The Apology and Crito. Socrates and his teachings, with readings from Xenophon's Memorabilia.

Prerequisite, course 2. Second semester, three hours a week, three credits.

5. The Drama.—
Selected plays of Aeschylus or Euripides and Aristophanes. Rise and development of tragedy and comedy. The Greek theater and production of plays.

Prerequisite, courses 1, 2, 3 and 4. First semester, three hours a week, three credits.

6. English Course in Greek Literature.—
Studies in the elegiac, lyric and dramatic poets of Greece, for students having no knowledge of Greek.

Prerequisite, twenty-four credits. First semester, two hours a week, two credits.

7. The Odyssey.—
Selections from Books I-XII. Sight reading. Literary study of the whole poem from the English translations of Palmer and of Butcher and Lang.

Prerequisite, courses 1, 2, 3 and 4. Second semester, three hours a week, three credits.

8. Lyric Poetry.—
Selections from the elegiac and lyric poets.

Prerequisite, courses 1, 2, 3 and 4. Second semester, two hours a week, two credits.

9. The Greek Testament.—
This course is intended not only for candidates for the ministry but for any who have studied classical Greek and who wish to

acquire a reading knowledge of the New Testament in the original Greek. The aim is to master a good working vocabulary, the main characteristics of New Testament Greek and to get some practice in Greek exegesis.

Prerequisite, Greek 1. One year, two hours a week, four credits.

10. Classic Mythology.—

A study of the more important myths of Greece and Rome with special attention to their use in English literature.

Second semester, two hours a week, two credits.

History

PROFESSORS FUNK, MCRAE AND MISS BRIGGS

Students who major in this department ordinarily will be required to take courses 1, 2, 5 and 6. Courses 1, 5 and 6 are open to freshmen. If taken by juniors or seniors they will count for only two credits a semester. Students choosing history as a minor are recommended to pursue courses 5, 6, 9 and 14. Those majoring in this department will be expected to secure at least eighteen credits in related subjects, such as economics, sociology, political science, and the history of philosophy.

1. Early European History and the Middle Ages.—

PROFESSOR MCRAE

This course covers a resume of Roman imperial institutions, society and culture, the origin and racial characteristics of European peoples, the beginnings and growth of the church and extends to about 1450. Lectures, text, collateral reading form the basis of the work.

One year, three hours a week, six credits.

2. English Political and Constitutional History.—

PROFESSOR MCRAE

This is a study of the political and constitutional development of England to 1660. Some attention will likewise be paid to social and economic development.

One year, three hours a week, six credits.

3. The Renaissance and the Reformation.— PROFESSOR FUNK

This course covers the period from 1300 to 1648. The greater part of the first semester is devoted to the Renaissance and

the remainder of the year is given to the Reformation. Topical reports and a thesis are required.

One year, three hours a week, six credits.

4. **The French Revolution.—**
In this course the causes bringing about the fall of the Bourbons, the revolution proper and the Napoleonic era are studied.

First semester, three hours a week, three credits.

5. **American History.—** PROFESSOR FUNK
1787-1850. This course is a study of the making of the constitution, the organization of the government, formation of political parties, economic and territorial expansion and the growth of national consciousness and power. Text book, lectures and collateral reading.

First semester, three hours a week, three credits.

6. **American History.—** PROFESSOR FUNK
1850-1918. In this course are studied the forces which brot about the division and reunion of the nation, the period of reconstruction, and those economic, social and political events that have characterized our recent history. This is a continuation of History 5.

Second semester, three hours a week, three credits.

7. **American Colonial History.—**
Beginning with a background study of European conditions leading to the discovery of America, the voyages and explorations, the settlements in the colonies, this course aims to trace the development of those institutions and forces which led to American independence, and ends with a careful study of the Revolution.

First semester, three hours a week, three credits. Not offered 1919-1920.

8. **The Westward Movement.—** PROFESSOR FUNK
This is a study of the westward extension of the United States and of the economic and political development resulting from this expansion.

Prerequisite, course 7, or courses 5 and 6. First semester, three hours a week, three credits.

9. **Modern European History.—** PROFESSOR FUNK
From 1815 to the present time. Special attention is devoted

to the establishment of constitutional governments and the industrial evolution of this period.

One year, three hours a week, six credits.

10. History of Rome.—

A systematic study of the social and political development of the Roman nation and the causes of its downfall. Course will consist of text-book work, collateral reading and lectures. Recommended to those intending to teach Latin and History.

One year, three hours a week, six credits.

11. History of Greece.—

A study of the political and social development of the Greek states to the time of their incorporation into the Roman Empire. Special attention will be given to the permanent influence of Greek civilization. Text-book work, reading, lectures.

One year, three hours a week, six credits.

12. History of Fine Arts.— MISS BRIGGS

A study of the development of architecture, sculpture and painting thru the various periods of ancient, medieval and modern art. An effort is made to familiarize the student with the great masterpieces by means of photographs, stereopticon lectures and visits to the art galleries in St. Paul and Minneapolis.

One year, one hour a week, two credits.

13. History of American Diplomacy.— PROFESSOR FUNK

This is a chronological survey of the relation of the United States to foreign countries from 1776 to the present time. Text book, lectures and collateral reading.

Second semester, three hours a week, three credits.

14. The History of European Expansion.—

This course traces the exploring and colonizing activities of European nations from the end of the fifteenth century to the present, dealing with colonial policies, institutions and development. A most interesting phase of this subject is the consideration made of the reflex influence, social, economic, religious, intellectual and political upon the mother lands.

One year, three hours a week, six credits.

15. English, Social and Political History from 1660 to the Present.—

Special attention will be paid to the development of the cabinet and parliamentary system and the expansion of English world policies.

Second semester, three hours a week, three credits.

16. Historical Method.— PROFESSOR FUNK

This course is a study of the history of history, the development of a scientific historical method. When taken in conjunction with History 10 or 11 it gives six credits in Education.

One year, three hours a week, six credits.

17. Reciprocal Influences in World Civilization.—

This is an attempt to study history from the international viewpoint, involving a consideration of the influences exerted by races upon one another; the reciprocal relations of the Orient and Europe, the reflex influences from oversea expansion upon western European nations, the Europeanization of distant countries, the civilization of America versus the world, the forces that may lead to world unity and concord.

First semester, one hour a week, one credit.

18. Latin America from 1800 to the Present.—

This course deals with the social, economic and political development of Latin America from the beginning of the nineteenth century to the present.

Second semester, three hours a week, three credits.

Home Making

ADJUNCT PROFESSOR WHITRIDGE

3. The House.—

(a) Evolution of the modern home from primitive conditions. Its object. Selection of site with regard to climate, soil, drainage and neighborhood. Location of house with regard to exposure, light and prevailing winds. Study of house plans to meet the requirements, comfort and convenience of the family for which the house is intended. Drawing of specific plans.

(b) Household Art.—

Furnishing the house from the standpoint of good taste and economy. Value of form, color, design and materials in interior decorations. Wallpapers, carpets and curtains. History of furniture. Household management.

One year, two hours a week, four credits.

4. Social Culture.—
The hospitality of the home. The forms and customs known and observed in community life.
Second semester, one hour a week, one credit.

Latin

ASSOCIATE PROFESSOR SHERO

Courses 1-2 and 17 are open without prerequisites to all students. Students who have had less than two years of Latin in high school should enter course 1-2; those who have had two or three years should enter course 3-4; those who have had four years should enter either course 5 or course 7. Courses 5 and 6 may be taken either before or after courses 7 and 8. Students who desire to be recommended by the department to teach Latin are required to have had courses 5 to 10 inclusive, and are strongly urged to take courses 11-12 and 16. Course 1-2 is not counted toward a major.

1-2. Elementary Latin.—
The content of this course corresponds to that of the first two years of high-school Latin. Elements of grammar; easy readings; selections from Caesar.
One year, five hours a week, ten credits.

3-4. Intermediate Latin.—
The content of this course corresponds to that of the third and fourth years of high-shool Latin. The choice of selections to be read is made with a view to the previous reading of the members of the class.
Prerequisite, two years of high-school Latin or course 1-2. One year, four hours a week, eight credits.

5. Livy.—
Selections from Livy's account of the Second Punic War. Review of forms and syntax.
Prerequisite, four years of high-school Latin or course 3-4. Given in alternate years. First semester, four hours a week, four credits.

6. Comedy.—
Representative plays of Plautus and Terence. Collateral work on the history of the drama and the Roman theatre.
Prerequisite, course 5. Given in alternate years. Second semester, four hours a week, four credits.

7. Cicero.—
Readings from Cicero's essays and philosophical works. Review of forms and syntax.
Prerequisite, four years of high-school Latin or course 3-4. Given in alternate years. First semester, four hours a week, four credits.

8. Horace.—
Selections from the whole of Horace's works. Special attention is paid to literary criticism and appreciation.

Prerequisite, course 7. Given in alternate years. Second semester, four hours a week, four credits.

9-10. Prose Composition and Sight Reading.—

Prerequisite, course 5 or course 7. One year, one hour a week, two credits.

11-12. Advanced Prose Composition and Sight Reading.—

Prerequisite, courses 9-10. One year, one hour a week, two credits.

13. Poets of the Republic.—
Study of the poets of the republican period with reading of extensive selections from Catullus and Lucretius.

Prerequisite, courses 5, 6, 7 and 8. Given in alternate years. First semester, three hours a week, three credits.

14. Writers of the Silver Age.—
Study of the literature of the Silver Age with reading of selections from the more important authors, especially Tacitus and Juvenal.

Prerequisite, courses 5, 6, 7 and 8. Given in alternate years. Second semester, three hours a week, three credits.

15. History of Latin Literature.—
Lectures on the lives and writings of the important Latin authors, with extensive collateral reading in their works.

Prerequisite, courses 5, 6, 7 and 8. Given in alternate years. First semester, one hour a week, one credit.

16. Teachers' Course.—
Consideration of problems pertaining to the teaching of high-school Latin. The course is conducted by means of lectures and collateral reading.

Prerequisite, courses 5, 6, 7 and 8. Given in alternate years. Second semester, three hours a week, three credits.

17. Roman Civilization and Its Survivals in the Modern World.—
Illustrated lectures on the geography of the Roman world, the topography of Rome, Roman architecture, art, commerce, political institutions, law and religion, and the influence of these phases of Roman life on modern civilization. No knowledge of Latin is required.

Given in alternate years. First semester, two hours a week, two credits.

Mathematics and Astronomy

PROFESSOR KINGERY

Courses 1a and 9 are not counted toward a major or minor.

1a. **Solid Geometry, Algebra and Trigonometry.—**
This course is for those who present only two units in high-school mathematics.
One year, four hours a week, eight credits.

1. **College Algebra.—**
Graphic representation of functions, ratio and proportion, variation, theory of quadratics, progressions, series, etc.
First semester, four hours a week, four credits.

2. **Trigonometry and Analytic Geometry.—**
Definitions of trigonometric functions, development of formulae and their application to the solution of problems, plane and spherical. This is followed by a brief course in analytic geometry, sufficient for elementary courses in physics and astronomy.
Second semester, four hours a week, four credits.

3. **Analytic Geometry.—**
This is a continuation of course 2. Equations of straight lines and the principal curves and their tangents are discussed by both rectilinear and polar co-ordinates.
Prerequisite, course 2. First semester, four hours a week, four credits.

4. **Differential and Integral Calculus.—**
A brief study of the principles of differential calculus based on theory of limits, followed by a short course in integral calculus.
Prerequisite, course 3. Second semester, four hours a week, four credits.

5. **Advanced Calculus.—**
Continuation of course 4.
One year, three hours a week, six credits.

6. **Surveying.—**
Prerequisite, course 2. Second semester, three hours a week, three credits.

7. **Advanced Algebra and Geometry.—**
Intended especially for those preparing to teach.
Prerequisite, course 1. One year, three hours a week, six credits.

8. **Astronomy.—**
Text-book, lectures and practical work with sextant, transit and clock.
Prerequisite, course 2. One year, five hours a week, six credits.

9. Mechanical Drawing.—
A course designed for those taking shop work or preparing for technical schools.

One year, four hours a week, two credits.

The Mental Sciences and Philosophy

PROFESSOR ANDERSON

1. Psychology.—
An introductory course covering the main features of normal human psychology:

(1) A brief introduction in experimental work, intended to accustom the student to introspective study and to give him an insight into the methods of modern psychological investigation.

(2) A survey of the more prominent aspects of the conscious life. This part opens with a synopsis of the nervous mechanism and is followed by a consideration of the sensations, perceptions, affections, memories, judgments, etc. The work is carried on by means of text-books, collateral readings, lectures, observations by the student, and experiment. Required in all courses.

First semester, three hours a week, three credits.

2. Ethics.—
This course begins with an historical sketch of ethical theories and of the conceptions of life that have been held. Next, the psychological facts and the philosophy of ethics are investigated in order to gain an adequate basis for ethical theory. Finally, the problems of practical ethics are taken, particular consideration being given to certain of them, which are now occupying the thoughts of men. The attempt is made in this course to develop a system of thought that does justice to Christian motive and doctrine and is, at the same time, based upon a proper scientific and philosophical basis. Required in all courses.

Prerequisite, course 1. Second semester, three hours a week, three credits.

3. Logic and Scientific Method.—
This is a study of the instruments of thought and investigation and of the methods and tests of proof. Aside from the culture aspect of the study, it is of interest to the student o

science, as elucidating the procedure of science; it is of interest to the student of oratory and literature, as forming the basis of all plans and methods of procedure in exposition and argumentation; it is of value to the teacher, since it furnishes the analysis of teaching methods from the content side, just as psychology does from the conscious side. In order to make this discipline as valuable as possible, logical definition and division receive attention, and their relation to literary work is shown. Much attention is given to fallacies and the analysis of fallacious reasoning. The use of hypothesis, analogy and probability, and the methods of scientific experiment and verification are explained and illustrated. Thruout extensive use is made of practical exercises in order to fix principles and develop ability to use them.

Prerequisite, twenty-four credits. One year, two hours a week, one of which is used as a laboratory hour; three credits.

4. **Advanced Psychology.**—
The first part of this course requires a more thoro survey of the ground covered in course 1. The second part is a brief study of social and child psychology. This prepares the way for the third part of the course, the application of psychology to the problems of the day, chiefly those of education.

Prerequisite, course 1. One year, three hours a week, six credits.

5. **Advanced Logic and Scientific Method.**—
A course covering the same general ground as course 2, but much more thoroly. It consists of two parts:—

(1) Formal logic, with a closer study of logical theory and concepts, modal propositions, etc. With it will be given a brief course of lectures on genetic logic.

(2) Scientific method. A more complete study of the methods of science, including statistics, probability, etc. As a part of this course will be included a brief course of lectures on the history of science.

Collateral readings are required on the methods and aims of science as stated by distinguished men of science themselves.

Prerequisite, course 2. One year, two hours a week, four credits.

Philosophy seeks a consistent view of the world and of life; it seeks the meaning to life and reality. It is cultural in character; it would correct the one-sidedness of the mere specialist

and correlate the results of general study. The four courses in philosophy which follow are arranged in two pairs offered in alternate years. The student may begin with either pair.

10. History of Philosophy, Ancient and Medieval.—
Beginning with the early Greeks, this course follows the course of philosophic thought down to the period of Bruno, with the purpose of noting the development and relationships of the chief philosophical concepts. Attention is concentrated upon the leading thinkers and on the movement of thought. Collateral readings in Plato and Aristotle are required.

Prerequisite, fifty-four credits, unless by the approval of the instructor. First semester, three hours, three credits.

11. History of Philosophy, Modern.—
Continuing the preceding: from Bruno to the present time. Constant use of Rand's classical Modern Philosophers is made for collateral reading.

Prerequisite, seventy credits, unless by the approval of the instructor. Second semester, three hours, three credits.

12. Modern Philosophy.—
(a) Introduction to Philosophy. The purpose is to bring before the student the chief problems of philosophy, to exhibit in outline the courses of argument by which various views are supported, and to formulate some positive views respecting the problems of the world that confront us.
(b) The latter part of the semester will be given to the study of some modern thought movement. Next year it will consist of a study of Pragmatism, as formulated by James and others.

Prerequisite, sixty credits, unless with the approval of the instructor. First semester, three hours, three credits. Not offered 1919-1920.

3. Modern Philosophy (continued).—
The course here offered will take up one or more of the most important modern systems of thought. It will be both expository and critical. Next year the work offered will be in the philosophies of Eucken and Bergson. The course will require collateral readings and comparative studies in other philosophers.

Prerequisite, course 12. Second semester, three hours a week, three credits. Not offered 1919-1920.

Modern Languages

Associate Professor Pasmore and Adjunct Professor Chalfant

German

Adjunct Professor Chalfant

1-2. Elementary German.—
Essentials of grammar, reading, conversation. This course is intended for students who have had no German.
One year, five hours a week, ten credits.

3. Intermediate German.—
Reading of prose and the easier dramas of Schiller and Lessing. Review of grammar; composition; conversation.
Prerequisite, course 1-2 or two years of high school German. One year four hours a week, eight credits.

4. Modern Prose and Drama.—
General reading course.
Prerequisite, courses 1-2 and 3 if the language was begun in college. Those presenting three years of high school German may either elect this course or one of courses 5, 6, 7, 12. One year, three hours a week, six credits.

5.* Reading of selections from the epic in a modern German translation, followed by a rapid reading of Wagner's Der Ring der Nibelungen. Lectures on the interpretation of the mythology of both.
Second semester, three hours a week, three credits.

6. Survey of German Literature.—
A general survey course up to the classic period; readings and reports.
One semester, three hours a week, three credits.

7. Lessing.—
A brief study of his life and times and the reading of at least two of his important works.
First semester, three hours a week, three credits.

8. Schiller.—
A rapid survey of his life and the reading of several of his dramas and his most important poems.
Second semester, three hours a week, three credits.

9-10. Goethe.—

His life, especially as reflected in his works; the reading of several of his dramas and most important of his philosophic poems and lyrics. (First semester.)

Faust, First Part and selections from the Second Part. (Second semester.)

One year, three hours a week, six credits. Junior or senior year. Courses 7 and 8 should precede.

11. Composition and Teachers' Course.—

Advanced syntax and practical composition; conversation. In the second semester a sufficient amount of time will be devoted to methods of teaching, text books, phonetics, etc. Required of all those who desire to teach German; with others optional.

One year, three hours a week, six credits. Senior year preferred.

12. German Poetry.—

This course deals only slightly with the theory of poetry; its main emphasis is upon the actual reading of the best German poetry.

First semester, three hours a week, three credits.

*Courses 5-12 are electives (see also course 4). Consult instructor before electing. A teaching major in German consists of at least 24 hours and the work should be continuous thruout the four years.

French

ASSOCIATE PROFESSOR PASMORE AND ADJUNCT PROFESSOR CHALFANT

1-2. Elementary French.—

Essentials of grammar, conversation, reading of easy texts, memorization of a few short poems, and dictation. This course is intended for those who have had no French.

One year, four hours a week, eight credits.

3. French Readings.—

Brief review of French grammar. Composition, conversation, and the reading of a number of nineteenth century French texts.

Prerequisite, course 1-2 or two years of high school French. One year, three hours a week, six credits.

4. Survey of French Literature.—

A course based on some elementary history of French literature like Pellissier's or Doumic's, with readings of extracts and a

few entire works from the most important French writers. Lectures, outside readings, and reports.

Prerequisite, course 3 or an equivalent. One year, three hours a week, six credits.

5. French Novel.—

A brief survey of French fiction from the beginning, and special attention to French romances and novels from the seventeenth century on. Text used, Morrillot's Le Roman en France. Lectures, outside readings, reports.

Prerequisite, course 4. One year, three hours a week, six credits.

6. French Drama.—

A course based on Petit de Julleville's Le Theatre en France. Lectures, outside readings, reports.

Prerequisite, course 4. One year, three hours a week, six credits.

7. Teachers' Course.—

Phonetics, advanced grammar, practical composition and conversation. Discussion of texts, reference books, journals, etc., and methods of teaching. Required of all who wish to teach French; optional with others. This course should be taken in the senior year.

One year, three hours a week, six credits.

8. French Poetry.—

A study of prominent works of important French poets, and of French songs, combined with a brief treatment of French verse structure. Lectures, readings, reports.

Prerequisite, course 3 or an equivalent. One year, three hours a week, six credits.

9. French Classics.—

Study and discussion of masterpieces of French literature from the seventeenth century on, of one or more writers of each century. Lectures, readings, reports.

Prerequisite, course 4 or an equivalent. One year, three hours a week, six credits.

A major in French requires continuous work in the language thruout the college course, unless French is presented upon entrance. A teaching major, however, must not be less than twenty-four hours. It is highly desirable that Latin be presented as a basis for French.

Spanish

ADJUNCT PROFESSOR CHALFANT

1. Elementary Spanish.—

Grammar, composition, conversation, reading.

One year, four hours a week, eight credits.

2. Intermediate Spanish.—
Conversation, composition and readings based largely upon Latin American literature. Business correspondence, reports from Spanish periodicals, etc.

One year, three hours a week, six credits.

It is very desirable that students electing Spanish shall have had Latin at least, and, if possible, French.

Spanish may be applied toward a major in French.

Music

MR. PHILLIPS, MR. FAIRCLOUGH, MISS KAY AND MISS BRIGGS

Music may be chosen as a major or minor. The maximum number of credits permitted in such work is thirty-two. Not more than eight credits in practical music (voice, organ, piano, violin), will be allowed upon recommendation of the faculty of the Conservatory of Music after a sufficient amount of harmony (usually two years) has been completed. Of the twenty credits required for a major, eight credits in harmony and two credits in Physics 6 must be obtained. Of the twelve credits required for a minor, six must be obtained in theoretical music; and of these two in harmony and two in appreciation are required.

The special fees for courses in music must be paid by the student except in courses 1, 7, 9 and 10.

1. Elementary Harmony.—
The work of this year will include all triads, seventh chords, cadences, modulation and suspensions.

One year, two hours a week, four credits.

2. Advanced Harmony.—
This is a continuation of the first year's study for greater proficiency in the use of the material. The student will compose and have a great deal of practice in transposing pieces heard but once. Memorizing will be an important feature of the work.

One year, two hours a week, four credits.

3. Counterpoint.—
Simple counterpoint beginning with two, three and four-part writing in one, two, three and four notes against one is studied first, followed by syncopated and florid counterpoint with special stress on the latter used in three and four parts.

First semester, two hours a week, two credits.

4. **Elementary Composition.—**
This course is an introduction to the art of composition, with original work in the simpler forms, instrumental and vocal. Facility and clearness in the use of original musical ideas expressed through modern harmony and counterpoint are sought. The student is expected to accomplish work of sufficient merit for public performance.
Second semester, two hours a week, two credits.

5. **Composition and Orchestration.—**
A course in original composition. Instrumental and vocal compositions of simple and complex forms: (a) In the strict classical forms from song to sonata in homophonic and polyphonic style; (b) In the free forms, applying modern means of harmonization, modulation and imitation; (c) Orchestration. This work must have sufficient merit for public performance.
One year, two hours a week, four credits.

6. **Public School Music.—**
For a detailed description of this course see Conservatory of Music.
Two years, two hours a week, eight credits.

7. **History of Music.—**
A study of the beginnings of music through the classical period, including the history and development of instruments. The college library has a good collection of reference works on music and our students have access to the fine collections in the public libraries of the Twin Cities.
One year, two hours a week, four credits.

8. **History of Music.—**
This is a continuation of Course 7, studying the development of music from the Romantic period to our own day. By means of the talking machine, records of many operas, oratorios, symphonies, songs and piano compositions are studied.
One year, two hours a week, four credits.

9. **Appreciation of Music.—**
This is a study of the form and meaning of music. A preliminary study of the instruments of the orchestra is given preparatory to the concerts of the Minneapolis Symphony Orchestra.
First semester, two hours a week, two credits.

10. Appreciation of Music.—
This is the continuation of Course 9 and is devoted to a thorough study of romantic and modern forms since the time of Beethoven.

Second semester, two hours a week, two credits.

11. Normal Training for Piano Teachers.—
(a) Course for advanced and senior students, who, tho good performers, are not prepared for the art of teaching.
(b) Course for young teachers requiring a more complete knowledge of modern piano teaching methods and material. See Conservatory of Music for further details.

One year, two hours a week, four credits.

Physics

PROFESSOR ALEXANDER

Course 1 is not counted toward a major.

1. Short Course.—
This is a short course which covers the entire subject in one year. Demonstrations in connection with the lectures are substituted for a considerable amount of the individual laboratory work that is done by the student in the long course, and some of the more technical features of the subject that are not of general importance are omitted. The aim is to offer a thoro year's work in the general principles of physics to those who are taking courses which will not permit them to take the regular long course in the subject. It is recommended only to those who are taking classical or literary courses, or a two-year course in preparation for some school of medicine.

Prerequisite, Mathematics, course 2. One year, six hours a week, eight credits.

2. Mechanics, Sound, Heat.—
This course includes a thoro study of mechanics, sound and heat. A large part of the time is spent in laboratory work and the student's conceptions of physical laws are developed as largely as possible from observation and experiment. About forty quantitative experiments are performed by each student in the laboratory, the aim being to afford a working knowledge of modern measuring instruments of precision and to develop

quantitative methods, as well as to discover and verify the laws of nature. Careful attention is given to the problem of the errors in measurement, the student being required in each case to consider the origin of the errors and methods for their elimination and to compute the probable errors of observations and results.

Prerequisite, Mathematics, courses 1 and 2. One year, six hours a week, eight credits. Not offered 1919-1920.

3. **Electricity and Light.—**

This course includes a thoro study of electricity and light. Forty experiments are performed, thirty-five of which are in electricity, giving the student an opportunity to familiarize himself with electrical measuring instruments. The work in light includes measurements with the photometer, spectrometer and interferometer.

Prerequisite, Mathematics, courses 1 and 2. One year, six hours a week, eight credits.

Courses 2 and 3 together constitute what is termed the long course in physics and are designed especially to meet the needs of students taking a scientific course. These two courses together with Physics 5 should be taken by students preparing to teach physics in secondary schools.

4. **Advanced Physics.—**

In this course a thoro study is made of some topic approved by the head of the department. The work is largely individual and experimental. The aim is to deepen rather than to broaden the student's knowledge of the subject and to cultivate a taste for research. Those who major in physics are required to take this course as a basis for their theses.

Prerequisite, course 2 or 3. First semester, four hours a week, two credits.

5. **Laboratory Technic.—**

In this course a study is made of the design, construction, operation and repair of the more elementary laboratory apparatus and of the use and manipulation of laboratory materials. The aim is to afford those students who are preparing to teach physics a practical working knowledge of the physical laboratory.

Prerequisite, course 1, 2 or 3. Second semester, four hours a week, two credits.

6. This course includes a study of the mechanics of sound, particularly wave motion, interference, resonance and quality. Also the development of the diatonic and tempered scales and the construction and theory of the common musical instruments.

One semester, three hours a week, two credits.

7. This is a lecture and demonstration course covering the most important and interesting phenomena of physics. No quantitative work is attempted that requires advanced mathematics. The aim is to lead the student to an appreciation of natural law by deductions made from qualitative observations.

One year, three hours a week, four credits.

Applied Mechanics

PROFESSOR ALEXANDER

The Department of Education of the State of Minnesota has approved the courses offered at Macalester in the department of applied mechanics, and has certified that students who have completed the work in that department are eligible to teach in the high schools of the state.

1. **Elementary Applied Mechanics.—**
This is essentially a general culture course in the applied mechanical principles. The work covers a study of the principles involved in modern methods of wood-working and the use and adjustment of wood-working tools; a study of the principles involved in working the various metals and of metal-working tools. The work in metals includes soldering, brazing, forging and the casting of brass and aluminum. For the latter work simple patterns are made in the pattern shop which, with the setting and pouring, introduces the student to the general principles underlying foundry work. The development and transmission of power, including steam and gas engines, water power, dynamos and motors is given considerable attention. The study of the mechanical principles is illustrated by practical exercises involving their application to modern methods. The object is to lead the student to an appreciation of the modern mechanical world, its methods and processes.

One year, five hours a week, six credits.

2. **Manual Training, Teachers' Course.—**
This course is designed for students who are preparing to teach manual training. It includes a short study of the history and development of the manual training idea in education; the development of a progressive set of exercises each one of which

must be executed and submitted for criticism accompanied by a paper explaining the object of the exercise, the connection with preceding exercises and the points that will appeal to the pupils' interest and stimulate creative thought; visits to manual training and other shops in the Twin Cities.

Prerequisite, course 1 or its equivalent. One year, four hours a week, four credits.

Religious Education

Bible Training

On the John C. Martin Foundation

PROFESSORS WALLACE, MCRAE, ANDERSON AND WILLIAMS

The great importance of moral and religious training finds, in all our colleges, increasing recognition. Intellectualism alone has proved utterly inadequate for the individual, society and the nation. Knowledge and efficiency can not safely be made the ultimate aim of education. A much more vital and important consideration is, what are the ends which knowledge and efficiency must be made to serve.

In any complete system of education the spiritual nature of man and his chief end in life must be amply recognized. The best known means for the cultivation of this nature and for the discovery of this chief end is found in Christianity, in the central figure of all history—Jesus Christ.

Every educated man and woman should have, must have, a true philosophy of life and we believe that such philosophy is found in the Christian view of God and of the word as presented in the Holy Scriptures.

For the above reasons Macalester has made large provision for the religious training of her students.

Besides its required courses for all students this department offers elective and advanced courses for students wishing to prepare themselves for other forms of Christian service besides the gospel ministry.

The church, as well as the world, has entered on the era of the laity. Christianity is girding itself for the conquest of the world. Her call for leaders and workers of all sorts is louder and more

engaging than ever before. The world is white unto the harvest and the reapers include not only preachers and evangelists but missionary teachers, missionary physicians, settlement workers, pastors' assistants, secretaries of Young Men's and Young Women's Christian Associations, trained Sunday school organizers, and lay workers generally.

To students training for any of these vocations the college offers special advantages. Open to them is instruction in many subjects essential to thoro preparation for any of the above forms of Christian activity, such as languages, science, literature, philosophy, history, ethics, sociology, elocution, music.

Courses 1, one semester, and 2 are not counted toward a major or minor.

1. The Life of Christ.— PROFESSOR WALLACE

(a) This is studied by means of a harmony of the gospels. By way of introduction, attention is directed to the political and religious condition of the time and to the characteristics and viewpoint of the gospel writers. By discriminating discussion of the teachings of Christ and a realistic presentation of the facts and incidents of His life an effort is made to deepen personal faith in Christ as the Savior of men and to bring the student into appreciation of Jesus as the master teacher of all time.

Required of freshmen, first or second semester, two hours a week, two credits.

(b) Continuation of (a).

Elective, second semester, to students having completed (a), two hours a week, two credits.

Students who are already fairly familiar with the gospels or who for any reason prefer to do so, may, in lieu of the above, take Old Testament History. See 9.

2. The Missionary Labors of the Apostles.— PROFESSOR WALLACE

These studies are based on the Acts of the Apostles and in part on the New Testament Epistles. The external and internal growth of the early church is carefully traced and the whole movement is viewed as a continuance of the work of Christ thru the agency of the Holy Spirit and of His inspired apostles. The authorship and credibility of the Acts,

its teaching concerning Jesus, the Holy Spirit, and the organization of the early church receive special attention.

Required of sophomores, one year, one hour a week, two credits.

3. **Prophets of Israel.**— PROFESSOR MCRAE
This course consists of a thoro study of the prophets, their place in the community, their functions and their messages. It is pursued inductively from the Bible text with the object of acquainting the student as fully as possible with the foreshadowings of the Christ. All the Messianic passages are carefully analyzed with reference to their historical background and in the order of their development.

One year, two hours a week, four credits.

4. **The Literary Study of the Bible.**— PROFESSOR WALLACE
This course includes a careful study of the Bible, viewed as literature. The rhetorical characteristics of the Hebrew language and the various literary forms of the Bible are closely examined. This done, various parts of the Bible best illustrating these forms and characteristics are critically studied and drawn out in their proper literary form. As sound literary criticism is based on a thoro study of the thought and thought-connections, the literary study of the Bible proves in practice a very valuable aid to interpretation. It is for this reason, especially, that it is included in the course. The text book used as a basis is Moulton's Literary Study of the Bible, and special study is made of the book of Job, certain of the Psalms and selections from the prophets.

Prerequisite, courses 1 and 2. One year, two hours a week, four credits.

. **The Social Teachings of the Bible.**— PROFESSOR MCRAE
This course includes a survey of the social teachings of Christ, the apostles, the prophets and the Mosaic code. The object is to form a just estimate of the social message of the Bible and to apply, as far as may be, its social principles to the solution of current social problems. It is based mainly on Josiah Strong's Studies in Social Christianity, supplemented by wide collateral reading in the works of Raushenbush, Peabody, Mathews, Schenck, Brace, Keble (collection of lectures) and other works that seek to interpret and apply the social message of Christianity.

Prerequisite, courses 1 and 2. One year, two hours a week, four credits.

6. Inter-Testament History.— PROFESSOR WALLACE
This course is intended (1) to trace the history of the Jews from Malachi to John the Baptist under the Persians, Greeks, Maccabees and Romans; (2) to trace the rise of the various Jewish sects. A knowledge of the outward political fortunes of the Jews, as well as the movement of Jewish thought in this period is of great importance for an intelligent understanding of the ministry of Christ and His apostles.

Prerequisite, courses 1 and 2. Second semester, two hours a week, two credits.

7. Oriental History contemporary with the Old Testament.— PROFESSOR WALLACE
This course includes (1) a study of the history and religion of Babylonia, Assyria and Egypt; (2) the relation of this material to the explication of Old Testament history. The course is based on the histories of Winckler, Rogers, McCurdy and others.

Prerequisite, courses 1 and 2. Second semester of alternate years, two hours a week, two credits.

8. Biblical Pedagogy and Sunday School Work.— PROFESSOR WALLACE
This course includes: (1) a study of Jesus as a teacher—a careful consideration of the question, What made Him the Master Teacher of all time?—His mastery of the technique of educational methods as illustrated in the four Gospels; (2) methods of Bible study, teaching and of Sunday school work; (3) the influence of Christianity on the world's education. It is based mainly on the Master and His method (Griffith-Jones), Jesus as a Teacher (Hinsdale), The Making of the Teacher (Brumbaugh), Teacher Training with the Master Teacher (Beardslie), supplemented by lectures.

Second semester, two hours a week, two credits.

9. Review of Old Testament History.— PROFESSOR WALLACE
This is offered in lieu of course 1 to college students who have had little or no opportunity of pursuing a consecutive study of Old Testament history before entering college. The history of Israel is pursued from the founding of the kingdom under Samuel till the fall of Jerusalem, by close consecutive study of Samuel I and II, Kings I and II, Ezra and Nehemiah.

One year, two hours a week, four credits. Elective either semester.

10a. Apologetics.— PROFESSOR MCRAE

A brief exposition of Christian theism. History of the presentation and defense of Christianity with special emphasis on the important episodes from the time of the early contact with Greek philosophy down to the modern adjustments with natural sciences, philosophy, sociology, and comparative religion. An analysis of the changing elements and the permanent elements in the various methods of commending the Christian religion.

First semester, three hours a week, three credits.

10b. Comparative Religion.— PROFESSOR MCRAE

A study of the great religious systems of the world including Hinduism, Buddhism, Zoroastrianism, Confucianism, Taoism, Shintoism and Islam; with readings from the sources. An analysis of the elements common to these systems and Christianity, and of the elements that are peculiar to Christianity. An examination of certain modern cults that have borrowed extensively from one or more of the above systems.

First semester, three hours a week, three credits.

11. Philosophy of Religion.— PROFESSOR MCRAE

This course is supplementary to the courses in apologetics and comparative religion. It treats of the philosophical foundation for the validity of religious faith; nature and the supernatural freedom; personality; spiritual values; the highest good—all with special reference to Christianity and the Christian world view.

Second semester, three hours a week, three credits.

12. International Lessons.— PROFESSOR WALLACE

A course in the International Sunday School lessons. The aim of this course is to study the setting of the lesson, make careful analysis of the materials and discuss the pedagogical teaching of the lesson.

One year, one hour a week, two credits.

13. Missions.— MRS. WILLIAMS

(a) The Home Base and Latin America—deals with the responsibility of the church to foreign missions—resources, aims, methods and educational policies. The study of Latin America includes the character of the countries, races, languages, religions, problems of its statesmen, explorations,

international and immigration relationships, and missionary enterprises. Lectures and textbooks.

First semester, two hours a week, two credits.

(b) Africa—includes the study of the continent, races, languages, explorations, political divisions, international relationships, bearing on world questions, educational and religious enterprises. Lectures and textbooks.

Second semester, two hours a week, two credits.

14. The Bible by Periods.— MRS. WILLIAMS

This course is a study of the Bible based on Sells' "Bible Study by Periods" and the Bible text, designed to give to the student a grasp of Bible content; the great epochs, their meanings, how and why they follow each other and their purposes; and an understanding of God's progressive plan to reveal himself to the world.

One year, two hours a week, four credits.

15. Hebrew.—

If there is sufficient demand for it, instruction will be given in the elements of Hebrew.

16. Lecture Course in Bible Survey.— MRS. WILLIAMS

This course, as its name indicates, is a lecture presentation of the entire Bible, in outline, and intended to give a grasp of the continuous plan of revelation.

Prerequisite, fifty-four credits. Second semester, two hours a week, one credit.

Other courses for which credit is given in the Bible Training Department are:—

Greek 9, Greek Testament.
Mental Science and Philosophy 2 and 11.
History 3, The Reformation Period.

Equipment.—This department is equipped with

1. The Kent and Madsen wall maps.
2. The large relief map of Palestine, 8 x 5 feet, published by the Palestine Exploration Society of London.
3. The relief map of Jerusalem and its environs, 4½ x 4 feet.
4. A missionary map of the world, 5 x 9 feet.
5. A chart, 22 x 3 feet, of ancient synchronological history.
6. Religious literature embracing over one thousand volumes.
7. The Thompson Reflectoscope and Stereopticon.

Social and Political Science

PROFESSOR DAVIS

The aim of this department is to acquaint the student as far as possible with the whole field of social life and activity.

All the courses may be counted toward a major or minor except 1 and 11, which can only be counted toward a minor. Only three credits will be allowed for courses 1 or 11 if taken in the senior year.

A. Sociology

1. General Principles.—
Under this head are included the history, various theories and principles of the science. Important aims are to show the extent of the field, to arouse an interest in the study, and to correct methods of sociological investigation.

First semester, four hours a week, four credits.

2. Modern Social Problems.—
A study of the family, growth of population, the modern city, crime, poverty, etc. Much attention will be paid to methods of social relief.

Prerequisite course 1. Second semester, three hours a week, three credits.

3. History of Socialism.—
This course will include, (1) the social views of the ancient nations; (2) the ideal republics from Plato down to the present; (3) modern socialistic schemes.

Prerequisite, course 1. Second semester, three hours a week, three credits.

4. Social Psychology.—
A study of suggestibility, instinct, feeling, sympathy, imitation, conventionality, the crowd, public opinion, etc.

Prerequisite, course 1. First semester, three hours a week, three credits

B. Economics

11. General Principles.—
A general survey is taken of the history, theories and generally accepted principles of the science. The latest edition of "Outlines of Economics," by Ely, will be used, supplemented by collateral studies in Adam Smith, Mill, Ricardo, Taussig, etc.

Second semester, four hours a week, four credits.

12. History of Economic Theory.—
This course will trace the development of economic thought in the principal nations of Europe and America, especially in relation to philosophy and conditions of environment. The histories of Haney, Ingram and Gide will be used for reference.
Prerequisite, course 11. One year, three hours a week, six credits.

13. Financial History of the United States.—
An historical study of public revenues and expenditures, of public debts and of currency and banking in the United States. Special attention is paid to government reports.
Prerequisite, course 11. Second semester, three hours a week, three credits.

14. Business Organization.—
A study of the evolution and nature of business organization, particularly in the United States, and of proposed solutions for the corporation and trust problems.
Prerequisite, course 11. First semester, three hours a week, three credits.

15. The Credit System.—
A study of the present forms of credit and their social and economic significance.
Prerequisite, course 11. First semester, three hours a week, three credits.

16. Elements of Bookkeeping and Accounting.—
One semester, five hours a week, three credits.

17. Economic History of the United States—
An historical study of American agriculture, commerce, transportation, industry and finance.
First semester, two hours a week, two credits.

C. Political Science

31. Elements of Political Science.—
The aim is to trace clearly the great and distinctive features in the governments of Europe and of the United States.
Prerequisite, course 1. Second semester, three hours a week, three credits.

32. The Progress of Democracy.—
A study in the historical development of democracy from the standpoint of industry, of politics, and of education.
Prerequisite, course 1. First semester, three hours a week, three credits.

D. Legal Science

41. Roman Private Law.—
The object is to acquaint the student with (1) the origin and development of Roman law; (2) its relation to modern systems of State Law.

Prerequisite, course 1. First semester, three hours a week, three credits.

42. International Law.—
A brief course in the outlines of this important subject, offered to meet the increasing interest in international questions.

Prerequisite, course 1. Second semester, three hours a week, three credits.

43. Elements of Jurisprudence.—
Holland's "Jurisprudence" is used. The general subjects considered are Laws and Rights, Private, Public and Adjective Law, the object being to acquaint the student with the principles of fundamental law in their historical development and their practical application to the several phases of social life.

Prerequisite, course 41. Second semester, three hours a week, three credits.

Vocation

PRESIDENT BESS AND MRS. BESS

The aim of this department is to acquaint students with the elemental laws and data of vocation, modern efficiency and personal, vocational and psychological development, and to teach them how to find themselves.

1. **Vocational Fundamentals.**—The following divisions of the subject will be included in this course: (a) a survey of the general field of vocational and life development. (b) lectures and experiments in methods of study to establish the habits of work for vocation and life. (c) lectures and surveys about college life as applied to the laws of occupation and career. (d) study of vocational and life charts. (e) expository themes to study and record student traits.

First semester. Required of freshmen, two hours a week, two credits

2. **Vocational Development.**—The following divisions of the subject will be included in this course: (a) the history of vocational guidance. (b) requirements and characteristics

of various vocations. (c) lectures on the knowledge of human nature, and practical experiments in management. (d) occupational research with experimental psychology applied to vocation and personal efficiency. (e) success principles biography and literature. Reference readings. (f) modern personal, professional, industrial, business and institutional efficiency. (g) psychological tests conducted in the department of psychology, the data to be used with students in this course (h) estimate and gradings of general traits of students in this course by professors in all departments of the college used as partial data for guidance. (i) personal conferences for the study of each student, and experiments to develop traits for vocational and personal fitness.

Prerequisite, twenty-four credits. One year, two hours a week, four credits.

Physical Education

(Men)

ADJUNCT PROFESSOR MCCALLUM

All men students registering for the first time are required to report to the Physical Director within two weeks from the opening of the college session for assignment to the proper work in athletics and their registration will be regarded as provisional until this requirement is met.

1. **Personal Hygiene.—**
A study of the biological and physiological aspects of the growth and development of the body. Besides taking up the general study of the hygiene of the different organs, special attention will be paid to the relation of exercise and physical training to the laws of health and physical development. A part of the time will be devoted to the study of the various corrective measures that are practical in overcoming defects in growth and improper functioning of the different organs. This is a text book course.

First semester, one hour a week, one credit on completion of course. Required of all men of the freshmen class.

2. **Physical Training.—**
Light apparatus, calisthenics, gymnastic games in which individuals will be given an opportunity to lead and conduct classes under supervision. Those who care to do so will be given an opportunity to take up the heavier apparatus work and

tumbling. Required of freshmen and sophomores from Thanksgiving to Easter.

Two hours a week, no credit.

3. **Coaches, or Teachers' Course.—**
For those upper classmen who expect to teach and have the supervision of athletics or physical training in high schools. All of the common athletic games will be taken up with the idea of their adaptation to the needs of those of high school age.

(Women)

ADJUNCT PROFESSOR WHITRIDGE

1. **Personal Hygiene.—**
Short talks on the functions of the skin, the physiologic effects of water, hot and cold; bathing; care of the face; care of the hair, the hands, the feet; care of the mouth and teeth and their relation to good digestion; over-eating and intestinal indigestion; fresh air; ventilation of bedrooms; care of the ears, throat and nose; deep breathing; the foot and the shoe; dress.

2. **Physical Training.—**
1. Corrective exercises.—Walking, standing and sitting. Elementary work in stall bars, Indian clubs, bar bells, and bounding balls.
2. Parallel bars, ladder and incline rope.
3. Folk dancing.

Required, freshmen, one year, two hours a week, one credit.

Reserve Officers' Training Corps

CAPTAIN EVERETT E. BROWN, INFANTRY, U. S. A.
Professor of Military Science and Tactics

Thru the recognition extended by the War Department for the establishment of a Reserve Officers' Training Corps, Macalester College has added to its curriculum a Department of Military Science and Tactics.

The work therein is under the instruction and immediate supervision of an Army officer detailed by the War Department as Professor of Military Science and Tactics.

The full course of training extends thruout the four collegiate years, only the first two of which are compulsory for men, with a minimum of three hours a week.

As stated in the War Department order which prescribes the regulations governing the establishment and maintenance of the Reserve Officers' Training Corps, the primary object is "To qualify, by systematic and standard methods of training, students at educational institutions for Reserve officers."

The training is essentially military but so arranged and so conducted as not only to prepare the student as a Reserve officer, capable of intelligent leadership in times of national emergency, but to better fit him both physically and mentally in conjunction with his other college work, for active participation in the affairs of life whether in military or civil pursuits.

For Infantry units of the Senior Division, as in Macalester College, the initial training schedule includes physical drill, infantry drill in close and extended order, range and gallery practice, bayonet and first-aid instruction, map reading, and studies and lectures on such topics as the military obligations of citizenship, the general military policy of the United States, sanitation, personal hygiene, rules of combat and other kindred subjects.

In entering the R. O. T. C., the student is put only to the additional expense of providing himself with text books such as for any other course in the college and a majority of these are obtainable thru government agency. The government furnishes complete uniform and equipment necessary for the training course without cost to the student. In addition, those who have completed two collegiate years of training and have been selected by the president of the institution and the professor of military science and tactics, and who agree to continue the prescribed course to completion of the four collegiate years, may draw commutation of subsistence at a rate not to exceed the cost of the garrison ration. At the present time this commutation is fixed at forty cents a day.

Macalester College Conservatory of Music

N. W. Phone, Midway 2656
Wallace Hall, Summit and Macalester Avenues

HARRY PHILLIPS
Director of Conservatory

MABEL R. REED
Secretary

Faculty

HARRY PHILLIPS, Mus. M., Director*
Voice Culture.

GEORGE HERBERT FAIRCLOUGH,* Mus. M.
Piano, Organ, Theory.

GEORGE KLASS*
Violin.

HELEN E. BRIGGS,*
Piano, Normal, History of Fine Arts.

ANNA D. McCLOUD*
Voice.

EMILY GRACE KAY,*
Piano, Public School, Harmony, History, Appreciation.

MARGARET HICKS,†
Piano.

LOUIS JACOBI,†
Violin.

MYRTLE WEED,†
Piano.

MABEL R. REED,†
Piano

MARGARET MOUNT,†
Assistant in Piano.

LEONARDO DE LORENZO,*
Flute.

J. GRANT DENT,†
Cello.

EMMA GREENE,†
Guitar, Banjo, Mandolin, Ukulele.

Leading instructors for all other instruments.
*American and European education.
†American education.

Course of Study

The Conservatory of Music offers a thoro course of instruction in voice, piano, organ, violin and other stringed instruments; also a theoretical course including harmony, counterpoint, composition, musical history and analysis. In each branch of musical study a systematic course, leading to graduation, will be pursued. Time required for completion varies—the length of course depending on the pupil's ability and intelligent devotion to work.

Entrance.—Pupils who expect to graduate must enter at the beginning of the school year. Those not wishing to graduate may enter at any time in the year.

Upon entrance pupils are examined, classified and placed in their fitting grade, by the director.

Teacher's Certificate.—Teachers' certificates will be given to all pupils who have taken the Normal course and completed the junior year in full to the satisfaction of their individual teachers.

Diploma from the Conservatory of Music.—A student, to receive a diploma, must have completed the work of the senior year in full, written a graduating thesis, given a whole or such part of a program as the director may decide upon, and taken part in the graduating program of the Conservatory of Music.

Diploma with the Degree of Bachelor of Music.—Candidates for the degree of Bachelor of Music are required to take at least fifty semester hours of strictly college work (including history of art and physical training) and at least seventy hours of music. All college entrance requirements must be met and the credits for them presented to the Registrar of the College. Exceptions to the general graduation requirements, in the case of candidates for this degree, are a requirement of eight credits in religious education and of at least two years of a modern language in college. Such as have no modern foreign language upon entering must take three years of such language in college. Students electing Voice are strongly urged to take two years each of French and German.

The following college subjects are required for this degree: English, six credits; Religious Education, eight credits; Modern Foreign Language, fourteen credits (if deficient at entrance, three years); History of Art, four credits; Physics 6, two credits. In addition to the above required credits, electives sufficient to make a total of fifty credits.

Music subjects are required as follows: Harmony, Counterpoint, Composition, and Orchestration, sixteen credits; History of Music, eight credits; Appreciation, four credits. In addition to the above there are required a major of twenty credits, and a minor of twelve credits. Electives may be chosen from Voice, Organ, Piano, Violin, Public School Music, to complete the requisite number of credits.

In order to make such a course profitable, it is naturally required that the student give evidence at entrance of a sufficient preparation in some branch of music.

Special courses are offered those living in the city who do not wish to take the regular course.

Standardization of Music Teaching.—Macalester Conservatory, after thoro investigation, has adopted the Godowsky Progressive Series of Music Lessons, now being used by 4,000 educational institutions, conservatories and music teachers of America, as the standard for music credits. A number of states have placed music study, when carried on systematically, on an equal basis with the study of all other branches of learning and allow it full credit.

In 1916, the Cornell University Official Announcement stated: "Standardization of music teaching and of credits for the study of music, are subjects receiving attention by the educational authorities thruout the country. It will soon be the rule, rather than the exception, to give credits toward graduation for the study of music. The Progressive Series of Piano Lessons makes possible the standardization of music teaching and solves most of the difficulties which have hitherto prevented the adoption of a system of credits for study of music."

In its editorial staff and list of contributors are assembled twenty eminent musicians and educational authorities, the greatest aggregate of musical and pedagogical intellect and talent ever gathered in a combined effort to further the cause of musical education.

The editor-in-chief is Leopold Godowsky, the renowned artist and composer, now at the very height of his powers. His improved methods of study are fully set forth in the Progressive Series. The principles of the other world "methods" are also shown. The associate editors are Edgar Stillman Kelley, one of America's foremost composers, Josef Hofmann and Emil Sauer, the famous pianists.

Godowsky himself says, "We have striven to make it an educational work in the form of a progressive and complete series, that, from both an artistic and pedagogical standpoint, would be superior to anything ever offered to the public."

Graduates will receive not only the diploma of the Conservatory, but also the certificate of the Course. We wish to impress upon the parents and pupils that the use of this series will in no way interfere with either the individuality of the pupil or the particular views of any individual teacher.

Mr. Fairclough, Miss Briggs, Miss Hicks, Miss Weed and Miss Reed will instruct in the Progressive Series, a valuable addition to our regular work, which has been so generously approved by the music-loving public of the Twin Cities.

Voice

In the department of vocal music, those methods which experience justifies as being at once effective and artistic in their results have been adopted. It is the policy to secure a systematic and thoro culture on the basis of the best methods.

Intermediate Year.—Vocalises by Sieber, Concone, and the study of songs, ballads by Larsen, Grieg, Buck, Gounod and others, makes the first year's work complete.

Junior Year.—Studies in phrasing and rapid execution, German Songs by Mozart, Schubert, Schumann, Liszt, Franz, Beethoven, etc., also some of the lighter selections from the operas.

Senior Year.—Oratorio in all forms, Bach, Haydn, Handel, Mendelssohn, Gounod, Verdi. Selections from the heavier operas and songs of the modern school. Frank, Wolf, Homer, Tours, Massenet, Dvorak, Ronald, Nevin, Ganz.

Every student graduating in vocal music must have at least one year of French.

Graduate Course.—Aims to develop the artistic sense to a still greater degree, according to art traditions.

Pianoforte

Individual instruction is given and the regular course calls for one hour's instruction a week, divided into two lessons of thirty minutes each. Where but one lesson a week is taken, the lesson will be forty-five minutes in length.

Preparatory.—Thoro grounding in hand, finger and arm training. Rudiments of music. Easier studies to suit capabilities of each pupil. Pupils are thoroly prepared for the entrance into the three years' course.

Intermediate.—Czerny, Velocity Studies; Bertini, Loeschorn, Heller, etc.; Bach—Little Preludes and Fugues; Sonatinas and Easy Sonatas.

Junior Year.—Czerny, Op. 740; Cramer-Bulow, Fifty Selected Studies; Heller, MacDowell, etc.; Bach, Two- or Three-Part Inventions, French Suites; Sonatas of Mozart, Haydn and Beethoven.

Senior Year.—Clementi, Tausig, Gradus ad Parnassum, Czerny, Op. 740, Chopin Etudes, Kullak Octave School, Bach's Forty-eight Preludes and Fugues; Sonatas and Concertos of Beethoven and other masters. Repertoire from classical and modern composers.

In each grade, suitable pieces will be given as the pupil is ready for them.

Postgraduate.—Advanced work. Continuation of previous year. Concertos (with second piano or orchestra accompaniments).

Violin

The violin department has become a leading feature in the musical life of all conservatories. Year by year the number of violin students is increasing. To keep pace with the demands of the time, this department of our school has been developed until today it presents exceptional advantages for the study of what is called "the most perfect musical instrument known."

The violin course is not expected to be followed strictly, nor does it claim to be complete. In the private lessons each pupil can be favored with studies which suit his or her special requirements. With the technical course a selection of compositions from the whole range of violin literature up to the present time will be used. These will be chosen from the representative composers of the different periods and schools, with the intention of giving the pupils a knowledge of the individual interpretation of each kind.

Scales, bow and finger exercises will be used as needed to meet the requirements of the various pupils.

Pipe Organ

Before beginning the study of the pipe organ the student should have had at least one year's instruction on the piano and should have a thoro knowledge of the rudiments of music.

Public School Music

This is a two-year course. Entrance to the course requires that the student have a diploma from an accredited high school. Upon satisfactory completion of this course a State certificate will be issued in addition to the Conservatory certificate. Under certain conditions, this course may form a portion of the work for the regular diploma of the Conservatory of Music.

First Year.—The following subjects are required: Sight-singing, Ear Training, Voice Culture, History of Education, Psychology, Harmony 1, a modern language or its equivalent, Piano, unless able to play third grade music, in which case candidate may be excused from further study of that instrument. It is very desirable that a student be able to teach some high school subject or drawing in connection with Public School Music. (College students will take the regular college course in psychology; music students, a special course at the conservatory.)

Second Year.—The following subjects are required:

a. Sight-singing, Ear Training, Harmony 2, History of Music, Appreciation of Music, Piano, unless able to play third grade music, a modern language or its equivalent.

b. School room teaching, five periods weekly.

The study of voice will be required of pupils in public school music to meet this demand.

Sight Reading

All pupils of vocal music must have at least one year of sight reading before receiving either a teacher's certificate or diploma. The cost of these lessons will be nominal. It is impossible to sing correctly and effectively at all times without an exact and practical knowledge of music and its notations.

Normal Training

The demand of the times is for musicians equipped not only technically, but also in the art of imparting instruction. Most students, in starting to teach, possess but the points, given them by their instructors, in regard to their individual work. As these may not apply to the general needs of their pupils, a course in the art of teaching is almost indispensable.

Normal Piano Training Course for Prospective Teachers.—One year course with Certificate for advanced and senior students of piano.

Post-graduate Certificate Course for young teachers.

(For College Credits see College Catalog.)

Text book work, practice teaching.

Lectures.—Technical Theories, Various Types of Pupils, Elementary Foundation Work, Development of Original Musical Ideas, Tonality, Methods, Material for Teaching, Interpretation, Memorizing, Educative Principles, etc., etc.

Ear training, analyzing and psychology are a part of this course. (College students will take the regular college course in psychology; music students, a special course at the conservatory.)

Normal Courses in Voice and Violin may also be taken.

Ensemble

The study of chamber music is a very important one to the advanced student of any instrument. The impetus to more thoro practice, mental activity, development of rhythm and color, and an insight into this particularly rich field of musical text, is of untold value. Both classic and modern music is studied. Students who come mainly for the study of piano, violin or any other instrument should, if possible, arrange for some work in this line.

Harmony

The "Upton" system of key-board harmony will be used. Harmony study is too apt to be purely theoretical and therefore of comparatively slight value to the average student. Believing that a course has been found that will be first, last and always of practical value to the performer, since all the work is done at the instrument, we are offering this advantage to our students. Results obtained in other institutions substantiate all the claims made for the system. The student uses with fluency all the triads and seventh chords, modulates to all keys with ease, is familiar with altered chords, and suspensions, in short with all the subjects covered in any harmony course. He is enabled to transpose music as easily as he plays it in the original key. As memorizing is a great feature of the course it becomes an easy and natural process. Very young children are enabled by this course to produce compositions of real merit.

Theory

The importance of exhaustive and thoro work in the various theoretical studies cannot be too strongly emphasized. A rudimentary or fundamental course should precede ear training, sight singing, harmony, analysis, counterpoint (simple and double), canon and fugue (the supreme contrapuntal forms), orchestration and composition.

Appreciation of Music

First Year.—This is a study of the form and meaning of music and follows closely the text used, "Appreciation of Music" and Supplement, by Surette and Mason. A preliminary study of the instruments of the orchestra is given, preparatory to the concerts of the Minneapolis Symphony Orchestra, which our students are encouraged to attend. Required for graduation from Conservatory of Music.

Second Year.—This is a continuation of Appreciation of Music 1, and is a thoro study of Romantic and Modern forms since the time of Beethoven. The study is based on "Appreciation of Music," volume 2, by Surette and Mason, and "What We Hear in Music" by Faulkner. Talking machine records are freely used. Required for graduation from the Conservatory of Music.

History of Music

First Year.—Study of beginnings of music thru the Classical Period, including the history and development of instruments. The text-book used is "Essentials in Music History," Tapper and Goetschius. The College library has a good collection of reference works on music and our students have access to the fine collections in the public libraries of St. Paul and Minneapolis. A trip is made annually to the Raudenbush piano factory in St. Paul to see the process of making a piano. Required for graduation from Conservatory of Music.

Second Year.—This is a continuation of History 1, studying the development of music from the Romantic Period to our own day. By means of the talking machine records many operas, oratorios, symphonies, songs and piano compositions are studied. Required for graduation from Conservatory of Music.

History of Fine Arts

The study of the allied arts is of great cultural advantage to the musician in the development of artistic tastes. Instruction in the way of illustrated lectures is given by Miss Briggs.

Student Recitals

These opportunities for public performance are helpful in overcoming natural diffidence and nervousness, and in giving that confidence and poise so necessary to the successful player and singer.

Pupils also gain an ever-increasing knowledge of musical text, aside from that with which they come in contact in their own study. The instructors allow only such students as have reached a certain degree of proficiency to appear in recital.

Euterpean Society.—A conservatory organization which brings the pupils together for social and musical recreation. Its object is to create good fellowship and musical development. The programs are varied and interesting. Students receive admission into this society by invitation. The dues are fifty cents a semester.

Terms for Instruction

Per Semester

Tuition prices vary with the grade and the teacher.

Voice	$100.00 to $30.00
Piano	63.00 to 22.00
Pipe Organ	72.00 to 45.00
Violin	72.00 to 20.00
Ensemble	25.00
Harmony	20.00
History of Music	6.00
Appreciation of Music	5.00
Public School Music	35.00
Normal Training	35.00
Sight Reading	4.50

Piano Practice, per hour	$4.50	Organ Practice, per hour	12.00
Incidental Fee	.50	Cost of Graduation	10.00

College fees for conservatory students taking college work are paid at the beginning of each semester before completion of registration and strictly in advance, as follows:—

Tuition (five to eight hours per week) ..... $20.00 to $28.00

There is no fee for harmony, history or appreciation to students taking college subjects.

Discount will be allowed on tuition bills for two or more studies paid a year in advance.

Honorary Degrees

Conferred by Macalester College

1901: D. D. to Rev. Charles Thayer, Ph. D.....Deceased
D. D. to Rev. George W. Davis, Ph. D...St. Paul, Minn.
1902: D. D. to Rev. H. F. Stilwell.....St. Paul, Minn.
D. D. to Rev. J. Le Moyne Danner.....Indianapolis, Ind.
LL. D. to Hon. Thomas Wilson.....Deceased
1903: D. D. to Rev. Joseph Cochran, Macalester, '89.....
.....Philadelphia, Pa.
1904: D. D. to Rev. Stanley B. Roberts.....Minneapolis, Minn.
M. A. to Myron A. Clark, Macalester, '90, Coimbra, Portugal
1905: D. D. to Rev. Charles F. Hubbard.....Auburn, N. Y.
1906: D. D. to Rev. Donald D. McKay.....Tacoma, Wash.
1907: D. D. to Rev. Archibald Cardle, Macalester, '94.....
.....Burlington, Iowa
1910: D. D. to Rev. Charles T. Burnley.....Deceased
D. D. to Rev. Alfred E. Driscoll.....Ashland, Wis.
D. D. to Rev. William Porter Lee, Macalester, '89.....
.....Germantown, Pa.
D. D. to Rev. Harry Clinton Schuler, Macalester, '95....
.....Resht, Persia
D. D. to Rev. John Hansen Sellie, Macalester, '95.....
.....Buffalo, Minn.
1911: D. D. to Rev. Charles Allen Clark, Macalester, '99.....
.....Seoul, Korea
LL. D. to Rev. Albert Brainerd Marshall, D. D., Omaha, Neb.
LL. D. to Rev. George Livingstone Robinson, Ph. D., D. D.
.....Chicago, Ill.
1914: D. D. to Rev. George Ewing Davies..Salt Lake City, Utah
D. D. to Rev. Joseph Carle Robinson.....
.....White Bear Lake, Minn.
LL. D. to Hon. James Jerome Hill.....Deceased
1915: Litt. D. to Rev. John Wright.....St. Paul, Minn.
D. D. to Rev. William C. Laube '01 .....Dubuque, Ia.
1916: Mus. M. to Harry Phillips.....Minneapolis, Minn.
Mus. M. to George H. Fairclough .....St. Paul, Minn.
1918: D. D. to Rev. Asa John Ferry.....Philadelphia, Pa.
D. D. to Rev. James B. Lyle.....Albert Lea, Minn.
D. D. to Rev. T. Ross Paden.....Mankato, Minn.
D. D. to Rev. Benjamin Bunn Royer.....St. Paul, Minn.

Alumni

Alumni Association

It will be esteemed a favor if each alumnus who changes his residence will notify the President of his new address. Information from any source that will assist in keeping this roll complete will be appreciated.

The Alumni Association of Macalester College has two purposes in view: to bind into a unit the graduate body and help to preserve and increase the value of the friendships formed in College, and to further the interests of the Alma Mater and make her more widely known. Communications to the Alumni Association should be sent to the college.

Officers

W. P. Kirkwood.....President
Gertrude Smith.....Vice-President
W. M. Hobart.....Secretary
Isabelle Elmer.....Treasurer

Roll of Alumni

Class of 1889

George Washington Achard.....Business, Minneapolis, Minn.
Joseph Wilson Cochran.....Chaplain, U. S. Army
Ulysses Grant Evans.....Minister, Blairstown, Iowa
James Chase Hambleton.....Teacher, Columbus, Ohio
Benjamin Wallace Irvin.....Deceased
Samuel M. Kirkwood.....Surgeon, Absarokee, Mont.
William Porter Lee.....Minister, Germantown, Pa.
Paul Erskine McCurdy.....Business, Philadelphia, Pa.
Louis Ferdinand Slagle.....Deceased
Charles Albert Winter.....Deceased

Class of 1890

Myron A. Clark.....National Sec. Y. M. C. A., Coimbra, Portugal
Thaddeus T. Cresswell..... Minister, Eagle Rock, Cal.
John Knox Hall.....Missionary, La Salle, Colo.
William Henry Humphrey.....Deceased
William Paul Kirkwood.....Professor, U. of M., St. Paul, Minn.
Amos Avery Randall.....Deceased
Hudson L. Underwood.....Missionary, Ashland, Kan.

Class of 1891

Frank Brown.....Principal, Chicago, Ill.
Walter F. Finch.....Minister, So. St. Paul, Minn.
Walfred Sunberg.....Deceased
William B. Turner.....Business, Boston, Mass.
Thomas C. Williamson.....Business, Winnebago, Minn.

Class of 1893

James Carlisle Simonton.....Business, Minneapolis, Minn.
Joseph Zoll..... Address unknown.

Class of 1894

Francis W. Beidler.....Minister, Mosco, Colo.
Archibald Cardle.....Minister, Burlington, Iowa.
Paul A. Ewert.....Attorney, Joplin, Mo.
George E. Johnson.....Business, Sayre, Okla.
Samuel M. Marsh.....Minister, Brown's Valley, Minn.
William H. Sinclair.....Minister, Clarksville, Iowa

Class of 1895

Frank E. Balcome.....Physician, St. Paul, Minn.
John W. Christianson.....Minister, Veblin, S. D.
Thomas Fitz-Morris Clark.....Deceased
Charles D. Darling.....Minister, Roswell, N. M.
Edwin Howard Gordon.....Deceased
Harry Clinton Schuler.....Missionary, Resht, Persia
John Hansen Sellie.....Minister, Buffalo, Minn.
Arthur Whitney Vance.....Deceased

Class of 1896

Alexander Edward Cance, Prof., Mass. Agr. College, Amherst, Mass.
Moses M. Maxwell.....Deceased.
Samuel F. Sharp.....Deceased

Class of 1897

Albert Ernest Evans.....Minister, Sunset, Wash.
Charles W. Hansen.....Deceased
Ernest Charles Henke.....Minister, Baraboo, Wis.
George Leck.....Deceased
John McLearie, Professor, State School of Mines, Rapid City, S. D.
Winifred Moore-Mace.....Walton, N. Y.
Arthur A. Palmer.....Minister, Newberg, Ore.
Charles Petran.....Missionary, Mexico City, Mexico
Louis B. Sherwin.....Minister, Le Sueur, Minn.
William K. Sherwin.....Teacher, Barnum, Minn.
Arthur G. Welbon.....Missionary, Andong, Korea

Class of 1898

Clarence Dwight Baker.....Deceased
Charles Warren Dade.....Business, Minneapolis, Minn.
Anna Moore Dickson.....Teacher, St. Paul, Minn.
Caspar Gregory Dickson..Clerk Library of Congress, Washington
Nellie M. Flanders-Sherwin.....Barnum, Minn.
John M. Guise.....Principal, St. Paul, Minn.
Carlton Leslie Koons.....Minister, Ashland, Wis.
Robert C. Mitchell.....Minister, St. Paul, Minn.
William James Mitchell.....Minister, Odebolt, Iowa
David Walter Morgan.....Minister, Nioto, Ill.

Class of 1899

Hugh S. Alexander..Professor, Macalester College, St. Paul, Minn.
Walter Baker Augur.....Minister, Donnelly, Minn.
Charles Allen Clark.....Missionary, Seoul, Korea
Ralph Elmo Clark.....Teacher, Calgary, Alberta, Can.
Paul Doeltz.....Missionary, Iloilo, Philippine Islands
George C. Edson.....Minister, Hasbrouck Heights, N. J.
Thomas George Jamieson.....Business, Calgary, Can.
Almira F. Lewis.....Denver, Colo.
Robert Morris Lutz.....Business, San Rafael, Cal.
James Murray.....Minister, Othello, Wash.
Samuel Merton Pinney....Superintendent, Montgomery, Minn.
Jacob Elmer Smits.....Deceased
George Stanley.....Minister, Bloomington, Minn.
Murray Alberton Travis.....Minister, Collegeport, Texas

Class of 1900

John Calvin Abels ..... Minister, Cristobal, Canal Zone
Miles Strong Grimes ..... Minister, Lyon Falls, N. Y.
Ralph Emerson Herron ..... Business, Lordsburg, N. M.
John Robert Landsborough ..... Minister, Oregon City, Ore.
Ernest A. Oldenburg ..... Minister, Watertown, S. Dak.
Mathilde Pederson-Romunstaad ..... Deceased
Irving David Roach ..... Business, Azusa, Cal.
William James Sharp ..... Minister, Centralia, Wash.
Roy Walker Smits ..... Deceased
David A. Thompson ..... Y. M. C. A. Secretary, France

Class of 1901

William Beckering ..... Deceased
Louis Benes ..... Minister, Armour, S. D.
Henry Roy Bitzing ..... Lawyer, Mandan, N. D.
Percy Porter Brush ..... Y. M. C. A. Secretary, France
Charles Morrow Farney ..... Business, St. Paul, Minn.
Henry D. Funk ..... Professor, Macalester College, St. Paul, Minn.
Nathaniel E. Hoy ..... Meadow, S. D.
Lewis Hughes ..... Teacher, Ottawa, Minn.
Richard U. Jones ..... Professor, Macalester College, St. Paul, Minn.
William C. Laube ..... Professor, Presb. Sem., Dubuque, Iowa
Millicent V. Mahlum-Kelts ..... Columbus, Mont.
William H. Travis .....
Pres. Gulf Coast University of Industrial Arts, Collegeport, Tex.
Lily Bell Watson ..... Macomb, Ill.

Class of 1902

Frederick Brown ..... Deceased
Robert L. Davidson ..... Teacher, Kent, Wash.
Sarah A. Haines-Korsen ..... Seattle, Wash.
Grace Iddings-Fletcher ..... Grand Forks, N. D.
Leonard L. Mann ..... Minister, Ipswich, S. D.
Francis H. Newton ..... Minister, Grandview, Wash.
Winifred R. Pringle-Weber ..... Coeur d'Alene, Idaho
Edgar E. Sharp ..... Lawyer, Moorhead, Minn.
Benjamin Bruce Wallace ..... Government Service, Washington, D. C.
Helen Margaret Wallace-Davies ..... Carmi, Ill.

Class of 1903

John Morton Davies ..... Minister, Carmi, Ill.

Bessie Shepherd Doig-Jacobson.....Cedar Rapids, Iowa
Julia Anita Elmer.....Teacher, St. Paul, Minn.
Peter Erickson.....Minister, Minot, N. D.
Ebenezer Thomas Ferry.....Minister, Fergus Falls, Minn.
Emma Inez Godward-Davies.....St. Paul, Neb.
Robert McMaster Hood, Religious Director, Y. M. C. A. Paris, France
Peter Westin Jacobson.....Minister, Cedar Rapids, Iowa
Raymond Lewis Kilpatrick.....Engineer, Sulzer, Alaska
Donald Norman MacRae.....Minister, Mitchell, Ont.
Henry Morgan .....Teacher, Washburn, N. D.
Joseph E. Rankin.....Minister, Howard Lake, Minn.
Mary J. Rankin.....Missionary Teacher, Sneedville, Tenn.
Max M. Wiles.....Minister, Virginia, Ill.
William H. Weber.....Business, Coeur d'Alene, Idaho

Class of 1904

Grace Ivanore Chapin-Sharp.....Moorhead, Minn.
Peter Arthur Davies.....Minister, St. Paul, Neb.
Thomas Hunter Dickson.....Physician, St. Paul, Minn.
Margaret Evans-Detweiler..... Santurce, Porto Rico
William Horatio Kendall.....Minister, Farmington, Ill.
Alfred Edward Koenig....Instructor, U. of Wis., Madison, Wis.
William Oliver Rothney.....Inspector of Schools, Quebec, Can.
Henry John Voskuil.....Missionary, Amoy, China
Tolbert Watson.....Physician, Albany, Minn.
Mabel Wicker .....Teacher, Dawson, Minn.

Class of 1905

John Thomas Anderson.....Minister, St. James, Minn.
Earl Kenneth Bitzing.....Editor, Mandan, N. D.
Eugene Erwin Bromley.....Minister, Cosmopolis, Wash.
Isabelle Allison Elmer.....St. Paul, Minn.
Asa John Ferry.....Minister, Philadelphia, Pa.
Thomas Edwin Flinn.....Physician, Redwood Falls, Minn.
Ledru Otway Geib.....Physician, Detroit, Mich.
Mary Carnahan Guy-Shellman....Missionary, Pitsanuloke, Siam
Marie Grace Jamieson-Smith.....Lewisville, Ind.
Daniel Griffin Le Fever.....Business, Minneapolis, Minn.
James Albert Slack.....Minister, Powell, Wyo.
Robert Owens Thomas.....Chicago, Ill.
Jane Turnbull .....Teacher, Marshall, Minn.

Class of 1906

Levi H. Beeler.....Winthrop College, Rock Hill, S. C.
James Ekin Detweiler.....Missionary, Yamada, Japan
James Hamilton.....Minister, Superior, Neb.
Roscoe Cliver Higbee ..... Principal, St. Paul, Minn.
Alexander Hood.....Missionary, Wellpinit, Wash.
Albert Kuhn.....Professor, Presby. Sem., Dubuque, Iowa
Paul H. Th. Rusterholz .....Teacher, St. Paul, Minn.
Ruth Estelle Swasey-Rusterholz .....St. Paul, Minn.
Gordon Graham Thompson.....Physician, Seattle, Wash.
Frank Harvey Throop.....Missionary, Soo Chow, China
Margaret Turnbull.....St. Paul, Minn.

Class of 1907

William Harvey Amos .....Minister, Portland, Ore.
James Albert Caldwell.....Principal, Tower City, N. D.
Robert W. Davies.....Business, Minneapolis, Minn.
Josephine Elmer-Ballou.....Rochester, Minn.
Marshall Gregory Findley.....Business, New York City
Richard David Hughes.....Minister, Chicago, Ill.
Martha Antoinette Jacobson-Maitrejean.....St. Paul, Minn.
Henrietta Cecelia Lundstrom..... Teacher, Lewistown, Mont.
Rose Amelia Metzger-Nutt.....Sidney, Mont.
David McMartin.....Minister, Leadville, Colo.
Rhoda Catherine MacKenzie.....Nurse, San Francisco, Cal.
Richard Samuel Nutt .....Banker, Sidney, Mont.
Ole Johnson Oie.....President Theo. School, Christiania, Norway
William Fred Pottsmith .....Minister, McMinnville, Ore.
Mary Pauline Payne-Healy.....Mapleton, Minn.
Minerva Schlichting.....Deceased
Ruth Adelia Sherrill.....Teacher, Monroe, Wash.
Mary Helen Smith-Jones..... St. Paul, Minn.
George Hill Smith.....Business, Excelsior, Minn.

Class of 1908

George Kemp Aiken.....Editor, Ontario, Ore.
Hanna Sophia Berg.....Principal, Mahtomedi, Minn.
Ralph Brinks.....Aitkin, Minn.
Richard Stanley Brown.....Minister, Escanaba, Mich.
Edith Frederica Cale.....Deceased
Clifford Clement Cornwell.....Minister, Sherman, N. Y.

Evan Milton Evans.....Lawyer, Middle River, Minn.
Rosella Evans-Griffith.....Ottawa, Minn.
James Todd Guy.....Lawyer, Milwaukee, Wis.
Mary Elizabeth Guy-Wallace.....Preston, Minn.
Walter Mell Hobart.....Business, Minneapolis, Minn.
Lucy Ma Belle Hyslop-Flinn.....Redwood Falls, Minn.
Nina Foy Johnson-Wallace.....Eugene, Ore.
Margaret Edith Lakey-McDonald.....Souris, N. D.
Peter McEwen.....Minister, Earl Park, Ind.
Luke Edward Marvin.....Business, Duluth, Minn.
Martha Bessy Olson-Bromley.....Cosmopolis, Wash.
Stanley Hall Roberts.....Chaplain, U. S. Army
Lydia Anna Schroedel-Hobart.....Minneapolis, Minn.
Clarence Mason Stearns.....Business, St. Paul, Minn.
Robert Sinclair Wallace.....U. S. Forest Service, Eugene, Ore.

Class of 1909

Emma Bertelle Barker-Marvin.....Duluth, Minn.
Lucas H. Brinks.....Business, Independence, Kan.
Albert Daniel Davies.....Business, Minneapolis, Minn.
David Roy Jones.....Minister, Bowling Green, Mo.
Lulu Lane Piper-Aiken.....Ontario, Ore.

Class of 1910

George Samuel Barclay Acheson.....Y. M. C. A., Portland, Ore.
William Jefferson Bell.....Minister, Mountain Iron, Minn.
Joseph Vaclav Beran.....Business, Hibbing, Minn.
Charles Taylor Burnley.....St. Paul, Minn.
Edward John Carson.....Minister, Raton, N. M.
John Andrew Evert.....Physician, Brainerd, Minn.
June Rose Evert-Lanterman.....Mandan, N. D.
Albert Howard Gammons.....Minister, Jacksonville, Ore.
Jesse Willis Hamblin.....Minister, Cass City. Mich.
Stanley Hurlbut Hodgman.....Capt. U. S. Army
William Andrew Horne.....Minister, Calvin, N. D.
Helen Mary Hunt-Bell.....Mountain Iron, Minn.
Edward Henry Joesting.....St. Paul, Minn.
John Archibald McEwen.....Minister, Hannaford, N. D.

Sarah Grace McMartin-Carson.....Minneapolis, Minn.
Pearl Alma Nash-Evert.....Brainerd, Minn.
Mildred Gretchen Phillips-Kindy.....St. Paul, Minn.
Minnie Mae Pierson-Evans.....Middle River, Minn.
Mary Elsie Raymond-Muhr.....Elmira, Ore.
Gladys Isabelle Roberts.....Minneapolis, Minn.
Jeannette Paulina Sawyer-Guild.....St. Paul, Minn.
Frederick Samuel Shimian.....Minister, Umapine, Ore.
Elmer Stuart Smith.....Centralia, Wash.
Elizabeth Libby Staples-Brown.....St. Paul, Minn.
Vernon Elliott Stenerson.....Minot, N. D.
Anna Elizabeth Taylor.....Chicago, Ill.
Norman Kendall Tully.....Minister, Galesville, Wis.
Ruth Minerva von Dorn-Gammons.....Jacksonville, Ore.
June Adelia Woodward.....Teacher, Redwood Falls, Minn.

Class of 1911

William Ernest Baskerville.....Business, Princeton, N. J.
Charles Bremicker.....Minister, Highland, Wis.
Allan Hill Brown.....Minister, Tipton, Ind.
Homer Clyde Cardle.....Business, Bemidji, Minn.
Fred F. Carson.....Teacher, Minneapolis, Minn.
Janet Isabella Dodds.....Teacher, Morris, Minn.
Donald Smith Doty.....Attorney, St. Paul, Minn.
Effie Miranda Ellison-Miner.....Coleraine, Minn.
Hulda Olivia Ellison.....La Moure, N. D.
Oscar Melvin Ellison.....Business, La Moure, N. D.
Marjory Lucy Hanson.....Missionary, Andong, Korea
Bayard William Heed.....Lieutenant, U. S. Army
Arthur Billings Hunt.....U. S. Army
Ernest Wilburt Johnson.....St. Paul, Minn.
Ina Elizabeth Lindsley.....Marshall, Minn.
Anna Mae Little-Johnson.....St. Paul, Minn.
Luella Irene Murphy-Dickinson.....Pierpont, S. D.
William Earls Noyes.....Superintendent, Farmington, Minn.
Adelaide Wadsworth Payne.....Teacher, Long Prairie, Minn.
Russell Stephen Peterson.....Teacher, Grand Meadow, Minn.
Leland William Porter.....Minister, Red Bluff, Cal.
Edna Francis White-Becker.....Amboy, Minn.

Class of 1912

Anna Elizabeth Anderson-Carson ..... Raton, N. M.
Dorothy Elizabeth Baumgart..... Teacher, St. Paul, Minn.
Clara Berdan..... Teacher, Albert Lea, Minn.
James Brinks..... Business, Lake Benton, Minn.
Orville Clifton Cardle ..... U. S. Army
Bessie Florence Clark..... St. Paul, Minn.
Mabel Emma Cosgrove..... Le Sueur, Minn.
Elva May Davis-Westerlund..... Northwood, Ia.
Louise Lombard Davisson-Tripp..... Minneapolis, Minn.
Jessie Ellen Fisher-Thomas..... St. Paul, Minn.
Clarence Oscar Graue..... Coeur d'Alene, Idaho
Lilah Agnes Holden-Batten..... Hudson, Wis.
Florence Hunt ..... Teacher, St. Paul, Minn.
Earl Duane Jenckes..... Dispatch, St. Paul, Minn.
Clarence Eugene Johnson..... Wayland, Minn.
Marion Burdick Jones..... Teacher, Glencoe, Minn.
Ruth Anna McKinlay..... Teacher, Medford, Minn.
Clarice Audrey Miller-Noyes ..... Farmington, Minn.
Pearl Margueritte Palmer..... Los Angeles, Cal.
John Gottfried Schmidt..... Teacher, Harlan, Ia.
William Ellison Scott ..... Lieutenant, U. S. Army
Ella A. Stearns..... Jasper, Minn.
Edna Alda Stewart..... Principal, Lake Crystal, Minn.
Cassie Marie Stoddart ..... Teacher, St. Paul, Minn.
Oakley Russell Tripp..... Y. M. C. A., Minneapolis, Minn.
Oscar Westerlund..... Minister, Iowa Falls, Ia.
Muriel Faye Wheeler-Cockram..... Ontario, Ore.
Harry Merrium Willmert..... Business, Blue Earth, Minn.
Ralph Calvin Wilson ..... Lieutenant, U. S. Army

Class of 1913

Enoch Newman Bengtson..... Rush City, Minn.
Ragna Leonora Bye-Klein..... Minneapolis, Minn.
Lenna May Campbell..... Minneapolis, Minn.
Wilfrid Gladstone Campbell ..... Teacher, Superior, Wis.
Paul Ephraim Carlson..... Superintendent, Montrose, Minn.
Mary Genevieve Carver-Stevens..... St. Paul, Minn.
George Oliver Chase ..... Teacher, Arvilla, N. D.
Leonard Alvin Clark..... Superintendent, Shakopee, Minn.
Mary Bernice Clark..... Teacher, Annandale, Minn.
Solomon David David ..... Captain, U. S. Army
Emma Joy Frederick-Schmidt..... Teacher, Delano, Minn.

William Henry Wallace Holley ..... Lieutenant, U. S. Navy
Berenice Antoinette Kellogg-Hamilton ..... Trenton, N. J.
Robert Lloyd Lang ..... Mapleton, Minn.
Del Leslie Laughlin ..... Teacher, Lisbon, N. D.
Grace Eloise McClure-Voss ..... Morris, Minn.
Elmer Shepard MacCourt ..... Dentist, Los Angeles, Cal.
Joseph Robert Neller ..... U. S. Army, Air Service
Florence Amelia Otis ..... Teacher, Emporia, Kans.
Norton Walter Peet ..... Deceased
William Conkey Phillips ..... Lieutenant, U. S. Army
Edith Beatrice Pierson ..... Nurse, Minneapolis, Minn.
Ruth Lynn Porter ..... Teacher, Clark, S. D.
Adeline Marie Rosebrock ..... Teacher, Sauk Rapids, Minn.
Mabel Josephine Scott-Peterson ..... Mantorville, Minn.
Ray Simons ..... Teacher, Virginia, Minn.
James Merton Snyder ..... Principal, Fulda, Minn.
Marie Ellen Thomas ..... Teacher, Excelsior, Minn.
Katie Lillian White ..... Teacher, Cleveland, Minn.
Vera May Zimbeck ..... Teacher, Maynard, Minn.

Class of 1914

Carrie Ellen Alvord ..... Interpreter, Washington, D. C.
Richard Harlow Anderson ..... Lieutenant, U. S. Army
Wallace Jay Anderson ..... Missionary, Korea
Harold Harvey Baldwin ..... Minister, Harrisburg, Pa.
Hosea Greenwood Bosley ..... Beaver Creek, Minn.
Arthur George Brown ..... Teacher, Bottineau, N. D.
Truman Dean Brown ..... Superintendent, Elbow Lake, Minn.
Margaret Buckbee-Greig ..... St. Paul, Minn.
Lulu Ellen Carey-Graue ..... Coeur d'Alene, Idaho
Howard Edward Clark ..... Deceased
Margaret McGregor Doty ..... St. Paul, Minn.
Leslie Lisle Druley ..... Business, St. Paul, Minn.
Vera Margery Dunlap-Marvin ..... St. Paul, Minn.
Lloyd Gilmore ..... Ashland, Mont.
John Leslie Harvey ..... Minister, Roseville, Cal.
Burton Patriquine Holt ..... Minister, Redwood Falls, Minn.
Alice Louise Lindsley ..... Teacher, Amery, Wis.
Bessie Elizabeth Lovell ..... Principal, Jasper, Minn.
Edward Everett McCabe ..... U. S. Army, Aviation Corps
Mable Mohr ..... Teacher, Ellendale, N. D.
Esther Neller ..... Teacher, Farmington, Minn.

Evelyn Pickthorn.....Brown's Valley, Minn.
Helen Maria Prosser-Pike .....Hutchinson, Minn.
Harold Percy Roberts.....U. S. Army
Gertrude Gray Smith .....Teacher, St. Paul, Minn.
Helen Antonia Stratte.....Dawson, Minn.
Selma Ovidia Stratte-Watkins .....Carlton, Minn.
Florence Adell Switzer-Hamil .....Two Harbors, Minn.
Charles Albert Thomas.....Lieutenant, U. S. Army
Elmer Wilcox Trolander.....Student, U. of C., Chicago, Ill.
Della Ann Trotter-Brown.....Bottineau, N. D.
Lucius Harlow Watkins.....Carlton, Minn.

Class of 1915

Clark Albin Abrahamson.....Towner, N. D.
Paul Benjamin Bremicker.....Y. M. C. A., Minneapolis, Minn.
Olive Margaret Brown-Staudenmaier.....Minnesota Lake, Minn.
Mary Reid Cardle.....Teacher, Mapleton, Minn.
Edward Maurice Clark.....Graduate Student, Columbia U.
Luella Clara Conley.....Ray, N. D.
Margaret Defiel .....Teacher, St. Paul, Minn.
Josephine Dixon.....Warren, Minn.
Gwendolyn Lotimer Eastman-Disbrow.....Alcester, S. D.
Eunice Geer Finch.....Deceased
Alice Julia Flinn.....St. Paul, Minn.
Edith Almeda Haigh.....Teacher, St. Cloud, Minn.
Hillard Herman Holm.....Physician, Minneapolis, Minn.
Catharine Deaver Lealtad.....Teacher, Cincinnati, O.
Mabel Griffiths Montgomery.....Oriska, N. D.
John Samuel Nyquist .....Homestead, Mont.
Emily Helen Payne.....Instructor, U. of M.
Madge Porter.....Madison, S. D.
Frieda Jeannette Radusch.....Physician, Philadelphia, Pa.
Plato Earl Sargent.....Lieutenant, U. S. Army
Herbert Harrison Sell.....Teacher, Fertile, Minn.
Ruth Virden Slagg.....Pipestone, Minn.
Henry Frank Softley.....Minister, Hastings, Minn.
Gwendolyn Bromley Williams-Slade.....Minneapolis, Minn.
Bert Benjamin Willmert.....Blue Earth, Minn.

Class of 1916

Arthur Glenn Adams.....Teacher, Assuit College, Egypt
Grace Emily Brown.....Teacher, Gaylord, Minn.
Beryl Alberta Brownlee.....Teacher, Akeley, Minn.

Gordon Lyman Brownlee.....U. S. Navy
George Rowland Collins.....Graduate Student, Harvard
Edna Marguerite Cottrell.....Teacher, Middlebourn, W. Va.
Thomas Crocker.....Theological Student, Chicago, Ill.
Francis Marion Dana.....Graduate Student, Philadelphia, Pa.
Marie Eleanor de Booy .....Nurse, Washington, D. C.
Margaret Douglass Downing.....Teacher, St. Paul, Minn.
Ruth Marie Featherstone .....Teacher, Albert Lea, Minn.
William Taber Greig.....Business, St. Paul, Minn.
Helen Charlotte Gullikson.....Blue Earth, Minn.
Vergil Homer Guthrie.....Deceased
Frank Edward Hall.....U. S. Navy
Arthur Bristow Hood.....Business, Fairburn, S. D.
Isabelle Howard.....Business, Minneapolis, Minn.
Howard Neff Huelster.....U. S. Army
Vincent Raymond Hunt .....Teacher, Minneapolis, Minn.
Constance Darling Hunter.....Washington, D. C.
Bertha Mamie Hurr.....Shakopee, Minn.
Gordon Lewis Keeley.....Business, Rockford, Minn.
Christopher Leo Kenny.....U. S. Army
Fred Joseph Kenny.....U. S. Army
Thomas Kees Laird .....De Ruyter, N. Y.
David Nathaniel Ling.....Teacher, Grafton, N. D.
John Thompson McCallum.....U. S. Army, Aviation Corps
Jessie Elizabeth McClure.....Nurse, Washington, D. C.
Emily Lois McConkey-Baldwin.....Harrisburg, Pa.
Erwin Herbert Metag.....U. S. Army, Aviation Corps
Loana Miriam Miller.....Graduate Student, Minneapolis, Minn.
Anna Seraphina Nelson.....Teacher, Sleepy Eye, Minn.
Andrew Hilmer Norum.....Minister, St. Paul, Minn.
Adolf Olson.....Teacher, St, Paul, Minn.
Sadie Porter.....Teacher, Wells, Minn.
Howard Johnson Rankin.....St. Paul, Minn.
Zylpha Lauretta Sharpe.....Teacher, Fairfax, Minn.
John Lyman Sheean.....Business, Keokuk, Iowa
Alice Emma Stearns.....Jasper, Minn.
Olga Constantine Terzieff.....Y. W. C. A., Akron, O.
Stella Alice Tuttle.....Teacher, Granville, N. D.
Vera Marie Utter-Hood.....Fairburn, S. D.
William Liston Walker.....U. S. Army
Irving Howard Williams.....Business, Minneapolis, Minn.
Margaret Jane Williams.....Minneapolis, Minn.

Class of 1917

Effie Alice Adams.....Teacher, Barnum, Minn.
Wylie Gustave Akenson.....U. S. Army
Oscar Lee Black.....Theological Student, Chicago, Ill.
Ellen Mary Chase.....Minneapolis, Minn.
Lajla Marie Dale.....Teacher, Sleepy Eye, Minn.
Gladys Somers Dallimore.....St. Paul, Minn.
Herbert Emil Dierenfield.....Theological Student, Chicago, Ill.
Alice Muriel Everts.....Teacher, Warren, Minn.
Emanuel Ossian Franklin.....U. S. Army
Charles Gerlinger.....Lieut. U. S. Army, Aviation Corps
Wallace Graydon Gibson.....Lieut., U. S. Marine Corps
Pauline Hayes.....Teacher, Litchfield, Minn.
Milton Boyce Hebeisen.....Graduate Student, U. of N. D.
Ethelwyn Annette Hopkins.....Teacher, Macalester College
Charles Stanley Knott.....Theological Student, San Anselmo, Cal.
Violet Helena Knutson.....Teacher, Reynolds, S. D.
John Arthur Lewis.....U. S. Army
Ethel Marie McClure.....Johns Hopkins Hospital, Md.
Swan William Mattson.....Minister, Willmar, Minn.
Evelyn Bradbury Page.....Principal, Osakis, Minn.
Harriet Phillips.....Teacher, Flandreau, S. D.
Esperanza Reina.....Graduate Student, Coe College, Iowa
Joseph Howard Rhoads, Grad. Student, U. of M., Minneapolis, Minn.
Allen John Robertson.....Captain, U. S. Army
Irving John Roth.....Deceased
Evelyn Mary Rumble.....St. Paul, Minn.
Esther Atta Schumann.....Tulsa, Okla.
Gertrude Simons.....Virginia, Minn.
Fremont David Taylor.....U. S. Army
Anna Marie Wagner.....Teacher, Tyler, Minn.
Lucille Anna Wilkerson.....Teacher, Hector, Minn.
Clarence Charles Willmert.....Lieutenant, U. S. Army

Class of 1918

Donald Leslie Augustine.....U. S. Army, Sanitary Corps
Leonard Bedient Brabec, Chemical Warfare Service, Washington, D.C.
Lucia Rebecka Brown.....Teacher, Alvarado, Minn.
Ella Isabelle Clapp.....Teacher, Taylors Falls, Minn.
Walfred Danielson.....Teacher, St. Paul, Minn.
Dorothy Dornberg.....St. Paul, Minn.

Ruth Emhoff.....Teacher, Truman, Minn.
John Kenneth Erickson.....Law Student, St. Paul, Minn.
Erling Eriksen.....Teacher, Blackduck, Minn.
Edith Sophia Gunderson.....Teacher, Sherburn, Minn.
Margaret Lila Hammond.....Teacher, Aitkin, Minn.
Victor Arnold Heed.....U. S. Army
James Kydd Hilyard.....U. S. Army
Frank Orville Holmes.....Theological Student, Boston
Alice Erra Hough.....Teacher, Fulda, Minn.
Esther Jerabek.....Teacher, Goodhue, Minn.
Eugenie Marie Legault.....Teacher, Centerville, S. Dak.
Marian Louise Lesher.....Teacher, Worthington, Minn.
Glenn Nyren McNaughton.....U. S. Navy
Howard Hope McNiven.....U. S. Army
Lois Marvin.....Teacher, Duluth, Minn.
Ernest Gustav Norstrom.....Teacher, Pine River, Minn.
John Alexander Patterson.....U. S. Army
Hazel Louisa Roche.....Teacher, Canton, S. D.
Helen Isabel Sivertson.....Teacher, Middle River, Minn.
Myrtle Dorothy Steen.....Teacher, Minneota, Minn.
Miriam Winifred Wallace.....St. Paul, Minn.
Ruth Azalia Webster.....Teacher, Jackson, Minn.
Nancy Olivia Wick.....Teacher, Caledonia, Minn.
Amelia Wolf.....Teacher, Waubay, S. D.

Alumni of the Conservatory of Music

Class of 1900

Mrs. Maud Taylor-Hansen.....Minneapolis, Minn.

Class of 1901

Millicent Viola Mahlum-Kelts.....Columbus, Mont.

Class of 1905

Grace Taylor-Franklin.....Emerado, N. D.
Mrs. W. H. Amos.....Portland, Ore.

Class of 1906

Carmen Mahlum.....Brainerd, Minn.
Pearl Neeb.....Lewiston, Minn.
Charrie Roberton-Simonds.....Minneapolis, Minn.
Mildred Gretchen Phillips-Kindy.....St. Paul, Minn.
Paul H. Th. Rusterholz.....St. Paul, Minn.

Class of 1907

Gyda Hansen.....St. Paul, Minn.
Richard U. Jones.....St. Paul, Minn.

Class of 1908

Ethel Erkenbrack-Funk.....Minneapolis, Minn.
Ada Nash-Patterson.....Edgerton, Minn.
Gladys Neff.....Neillsville, Wis.
Minnie Tullar-Doty.....St. Paul, Minn.
Clara Odenwald-Abbet.....Worthington, Minn.

Class of 1909

Lorraine Vern Miller.....La Moure, N. D.
Rhea Le Pierre Rocheleau.....Ocean Park, Cal.
Anna May Woodworth-Lunn.....Biwabik, Minn.

Class of 1910

Ardelia Bisbee.....Madelia, Minn.
Mildred C. Corliss.....Portland, Ore.
Ada Dahlgren.....St. Paul, Minn.
Lillian Hall.....Minnewaukan, N. D.
Estelle Spayde.....Rapid City, S. D.

Class of 1911

Charlotte Burlington.....St. Paul, Minn.
Elva May Davis-Westerlund.....Northwood, Iowa
Katherine Gamble-Baskerville.....St. Paul, Minn.
Myrtha Marie Gunderson.....St. Paul, Minn.
Ethel Haggard-Stewart.....St. Paul, Minn.
Stella Wilhelmina Heger-Wilson.....St. Cloud, Minn.

Class of 1912

Mary Genevieve Carver-Stevens.....St. Paul, Minn.
Ethel Wilcox.....Mankato, Minn.
Lottie M. Olson-Taralseth.....Warren, Minn.
Alice R. Olson.....Fargo, N. D.
Louise Appel.....Springfield, Minn.
Erna Appel.....Springfield, Minn.

Class of 1913

Harriet Martha Caldwell.....Monango, N. D.
Constance Pearl Johnson.....St. Paul, Minn.
Alice Elvira Larson.....Alexandria, Minn.
Geneva Samson.....St. Paul, Minn.
Ethel May Stewart.....St. Paul, Minn.
Stella Alice Tuttle.....Hastings, Minn.
Margaret Jane Williams.....Minneapolis, Minn.
Gladys Ruth Ziesemer.....St. Paul, Minn.

Class of 1914

Jean Adie-Hullsiek (Bachelor of Music).....St. Paul, Minn.
Harriet Caldwell.....Monango, N. D.
Mabel Reed.....St. Paul, Minn.
Hazel Roche.....Farmington, Minn.
Evelyn Rumble.....St. Paul, Minn.
Blanche Runyon-Rose.....St. Paul, Minn.
Mildred Skauge.....Brainerd, Minn.
Ruth Spater.....St. Paul, Minn.
Clarence Vokoun.....St. Paul, Minn.
Amelia Wolf.....Nerstrand, Minn.
Vernie Wolfsberg.....St. Paul, Minn.

Class of 1915

Albina Agnes Minar.....Browerville, Minn.
Frank C. L. Minar.....Browerville, Minn.
Grace Evangeline Olen.....St. Paul, Minn.
Olive E. Scott.....Stillwater, Minn.
Ann Elizabeth Shell.....Wallowa, Ore.
Ethel Genevieve Tamborino.....St. Paul, Minn.
Grace Marie Waddell.....St. Paul, Minn.
Maude Julia Wanzer.....Charleston, W. Va.

Class of 1916

Lilah Bellingham.....Cascade, Mont.
Lajla Dale.....Madison, Minn.
Elizabeth Erickson.....Bemidji, Minn.
Pearl Fox-Nearpass.....St. Paul, Minn.
Edith Gunderson.....Kenyon, Minn.
Louis Jacobi.....St. Paul, Minn.
Grace O'Neale.....St. Paul, Minn.
Mildred Peabody.....St. Paul, Minn.
Harriet Pierpont-Smith.....Bruce, Wis.
Evelyn Rumble (Bachelor of Music).....St. Paul, Minn.
Daniel Thomassian.....St. Paul, Minn.
Janet Vokoun.....St. Paul, Minn.

Class of 1917

Leonard Brabec.....Kasson, Minn.
Lucille Farrell.....Warren, Minn.
Lena Halverson.....St. Paul, Minn.
Pearl Kaehler.....St. Charles, Minn.
Ruth Merryman.....Kerkhoven, Minn.
Margaret Mount.....St. Paul, Minn.
Harriet Phillips.....Worthington, Minn.
Agnes Wunderlich.....St. Paul, Minn.

Class of 1918

Jean Ellerbe.....St. Paul, Minn.
Lucile Farrell (Bachelor of Music).....Warren, Minn.
Fred Hoyer.....New York City
Gwendolin Lomnes.....Hudson, Wis.
Laura Lynch.....Orr, N. Dak.
Marion Saunders-Pantell.....Minneapolis, Minn.
Helen Strachan.....Duluth, Minn.
Margaret Wharry.....St. Paul, Minn.

Roll of Students

Senior Class

Leila Arvilla Atcherson.....Appleton, Minn.
Dorothy Badger.....Minneapolis, Minn.
Bertha Blair.....Duluth, Minn.
Cleo Louise Brandrup.....Mankato, Minn.
Hellen Clark.....Rockville, Minn.
Florence Anna Defiel.....St. Paul, Minn.
Paula Doermann.....St. Paul, Minn.
Muriel Emily Carr Eastman.....St. Paul, Minn.
Lucile Grace Farrell.....Warren, Minn.
Melvin Louis Gundlach.....St. Paul, Minn.
Anna Estelle Hammerlun.....Cokato, Minn.
Tillie Hansen.....Russell, Minn.
Hulda Hanson.....New London, Minn.
Helen Kay Hargreaves.....St. Paul, Minn.
Wesley Arthur Kohl.....St. Peter, Minn.
Raymond Horace Landon.....Minneapolis, Minn.
Amy Marie Le Vesconte.....Prior Lake, Minn.
Margaret McLeod.....St. Paul, Minn.
Helen Willina McRae.....St. Paul, Minn.
Marion Gertrude Reader.....Pipestone, Minn.
Gladys Harriett Reutiman.....Stillwater, Minn.
Clara Goldena Robinson.....Warren, Minn.
Ada Rose Stalker.....Proctor, Minn.
Helen Strachan.....Duluth, Minn.
Helene May Thomas.....Wahpeton, N. Dak.
Clarinda Eleanor Trandem.....St. Paul, Minn.
Charles M. Wenzel.....Kenyon, Minn.
Margaret Eliza Wharry.....St. Paul, Minn.

Junior Class

Winnifred Bertha Canon.....Armstrong, Iowa
Marion Catherine Cardle.....St. Paul, Minn.
William Gibson Claffy.....Two Harbors, Minn.
Florence Claus.....St. Paul, Minn.
May Charlotte Coleman.....Elbow Lake, Minn.
Marion Armarel Conger.....Mora, Minn.
Orin Montgomery Corey.....Osceola, Wis.

Joseph Douglas Crane.....St. Paul, Minn.
Constance Cronhardt.....St. Paul, Minn.
Marya E. Cushing.....St. Paul, Minn.
Alice Grace Davidson.....Minneapolis, Minn.
Marjorie Dornberg.....St. Paul, Minn.
Lucile Jeanette Erickson.....Fulda, Minn.
Alice Mary Fletcher.....Pipestone, Minn.
Ethel Alice Fletcher.....St. Paul, Minn.
Lillian Taylor Flitch.....St. Paul, Minn.
Robert Francis Gale.....Carver, Minn.
Frances Ruth Gordon.....St. Paul, Minn.
Florence Elizabeth Gow.....St. Paul, Minn.
Hazel Mary Griffith.....St. Vincent, Minn.
Veva Ruth Halverson.....Revillo, S. Dak.
Spruel Edward Heard.....Rugby, N. Dak.
Elsie Ethel Heimer.....S. St. Paul, Minn.
Ruth Anna Helweg.....Fulda, Minn.
Claude Douglas Holzinger.....Elbow Lake, Minn.
Ruth Hoxie.....Duluth, Minn.
Dorothy Wilder Hutchinson.....St. Paul, Minn.
Frances Lucy Hyslop.....Slayton, Minn.
Linnea Margaret Johnson.....Milaca, Minn.
Anna H. Johnston.....Pipestone, Minn.
Clara Dunlevy Jones.....Rapid City, S. Dak.
Walter P. Keller.....Slayton, Minn.
Carrie Louise Krugmeier.....St. Paul, Minn.
Gertrude Helene Krugmeier.....St. Paul, Minn.
Germaine Labadie.....France
Robert Laird.....Oakland, Minn.
Mae Cecile Landeene.....Elbow Lake, Minn.
Winifred Violet Lapp.....St. Vincent, Minn.
Marie Zada Lee.....St. Paul, Minn.
Marthe LeLoupp.....France
Mildred Irving Leven.....St. Paul, Minn.
Russell William Lewis.....St. Paul, Minn.
Myron Louis Lorenz.....Rolla, N. Dak.
Sana Beth McKenny.....Spring Valley, Minn.
Marion Leola McLeod.....St. Paul, Minn.
Jean Florence Mosier.....Brainerd, Minn.
Louise Hall Olsen.....St. Paul, Minn.
Violet May Olson.....Maynard, Minn.

William Isaac Orlebeke.....Clara City, Minn.
Lloyd E. Peabody.....St. Paul, Minn.
Mildred Peabody.....St. Paul, Minn.
Florence V. Pearson.....St. Paul, Minn.
Irene Marguerite Petersen.....Pipestone, Minn.
Ellen Marie Pope.....Mora, Minn.
Ruth Amelia Rost.....Kerkhoven, Minn.
William John Shogren.....Eau Claire, Wis.
Alice Burgoyne Spencer.....St. Paul, Minn.
Milton Francis Sturtevant.....St. Paul, Minn.
Zenas Howland Taylor.....Stanley, N. Dak.
William Carson Thompson, Jr.....St. Croix Falls, Wis.
Chester Martin Tobin.....Burlington, Ia.

Sophomore Class

Christian Marius Ascham.....Porter, Minn.
Marion Bagley.....St. Paul, Minn.
Gladys Pearl Barck.....Albert Lea, Minn.
Anna Emelia Barr.....So. St. Paul, Minn.
Virginia Brome Bennett.....St. Paul, Minn.
Harold Arzt Binder.....St. Paul, Minn.
Gertrude Horton Bradbury.....St. Paul, Minn.
Grace Bross.....St. Paul, Minn.
Ozni Carver Brown.....Pipestone, Minn.
Grace Calder.....Chippewa Falls, Wis.
Edith Almyra Chase.....St. Paul, Minn.
Madge Anne Clynick.....Winnebago, Minn.
Bonnie Davies.....Pipestone, Minn.
Esther Deaken Donnelly.....St. Paul, Minn.
Louise Ludlow Emmons.....St. Paul, Minn.
Ilse Elizabeth Ernst.....Stillwater, Minn.
Lenice Evelyn Felthous.....St. Paul, Minn.
Elsie Genevieve Gerlach.....Barnum, Minn.
Harland Hubbard Goetzinger.....St. Paul, Minn.
Robert Warren Gould.....Clearwater, Minn.
Arthur Greenfield.....Clara City, Minn.
Donald Henry Griffith.....St. Vincent, Minn.
Grace Marie Guilford.....Minneapolis, Minn.
Marion Ethel Haigh.....St. Paul, Minn.
Doris Aileen Halverson.....Revillo, S. Dak.

John Morris Hargreaves.....St. Paul, Minn.
Florence Martha Hastedt.....St. Paul, Minn.
Willis Blackford Hazleton.....Minneapolis, Minn.
Myrtle Genevieve Hynes.....Winnebago, Minn.
Ruth Gladys Isker.....Osseo, Minn.
Florence Wilhelmina Johnson.....St. Paul, Minn.
Frederick Johnson.....Hopkins, Minn.
Helmer Gerhardt Johnson.....Belview, Minn.
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Henry Kleweno.....Alexandria, Minn.
Grayce McKee.....Albert Lea, Minn.
Helen Frances McLean.....Howard Lake, Minn.
Laura Marles.....St. Paul, Minn.
Jessie Norris Mayo.....Wahkon, Minn.
Mary Mixer.....St. Paul, Minn.
Lydia Mueller.....Hutchinson, Minn.
Walter Raymond Nelson.....Minneapolis, Minn.
Adah Newcomb.....Pepin, Wis.
Helen Arabella Newell.....Albert Lea, Minn.
Edward Oakley Paden.....Mankato, Minn.
Ione Vilona Pickle.....Madison, Minn.
Dorothy Pratt.....St. Paul, Minn.
Allen Arthur Rock.....Two Harbors, Minn.
Aaron Saeks.....Akeley, Minn.
Elizabeth Schade.....Sisseton, S. Dak.
Erich Paul Schwandt.....Buffalo, N. Dak.
George E. Scotton.....Willmar, Minn.
Grace M. Stock.....Coleraine, Minn.
Ruth Marjorie Swift.....No. St. Paul, Minn.
Doris Evelyn Utter.....St. Paul, Minn.
Howard John Vandersluis.....Fergus Falls, Minn.
Florabel Elenor Wickett.....Canton, Minn.
Vera Emerson Wilcox.....Minneapolis, Minn.
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Edith Vera Willford.....Canton, Minn.
Ruth Jay Willson.....St. Paul, Minn.

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Vernon Goodrich Adams.....Winnebago, Minn.
William Russell Alexander.....Glenwood, Minn.

Alric Anderson.....Ellsworth, Wis.
Lawrence Emanuel Anderson.....St. Paul, Minn.
Lillian Grace Anderson.....Ortonville, Minn.
Genevieve Athalie Argetsinger.....Pipestone, Minn.
Edgar David Backer.....St. Paul, Minn.
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Olive Elizabeth Cook.....Blue Earth, Minn.
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Maurice Dale.....Madison, Minn.
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Ethelmae Dodds.....Claremont, Minn.
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Ruby LaBarre.....St. Paul, Minn.

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Marshall Franz Westerlund.....St. Paul, Minn.
Maternus Henry Wey.....St. Michaels, Minn.
Charles Meeker Wilkinson.....Two Harbors, Minn.

Howard Richardson Woolsey.....St. Paul, Minn.
Lydia Emily Wrbitzky.....Silver Lake, Minn.

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Charles Stanley Knott.....Spur, Minn.
Minnie Victoria Moline.....Gibbon, Minn.
Margaret Sylvia Mount.....St. Paul, Minn.
Emily Carolin Tricker.....St. Paul, Minn.
Olive Wagner.....Echo, Minn.

Conservatory of Music

Jessarose Alexander.....St. Paul, Minn.
Muriel Alexander.....St. Paul, Minn.
Grace Amundson.....St. Paul, Minn.
Anne Anderson.....Muskegon, Mich.
John Armstrong.....St. Paul, Minn.
Leila Atcherson.....Appleton, Minn.
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Ruth Balcome.....St. Paul, Minn.
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Doris Barber.....St. Paul, Minn.
Harriet Bell.....St. Paul, Minn.
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Florence Bodwell.....St. Paul, Minn.
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Catherine Bouquet.....St. Paul, Minn.
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Holley Brandrup.....Mankato, Minn.
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Walter Bruncke.....St. Paul, Minn.
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Hellen Clark.....Rockville, Minn.
Lucile Cline.....Canby, Minn.

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Constance Cronhardt.....St. Paul, Minn.
Mrs. Luther Cushing.....St. Paul, Minn.
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DeWitt Eaton.....St. Paul, Minn.
Mildred Eaton.....St. Paul, Minn.
Janette Elliott.....Grand Meadow, Minn.
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Jeanette Flynn.....St. Paul, Minn.
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Doris Halverson.....Revillo, N. Dak.
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Ruth Hauck.....Madison, Minn.
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Marguerite House.....Cass Lake, Minn.
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Edith James.....St. Paul, Minn.
Richard James.....Madelia, Minn.
William Jenkyns.....St. Paul, Minn.
Helen Johnson.....St. Paul, Minn.
Lilly Johnson.....St. Paul, Minn.
Marie Kenney.....St. Paul, Minn.
Alice Kingery.....St. Paul, Minn.
Margaret Knox.....St. Paul, Minn.
Lucile Koch.....St. Paul, Minn.
Germaine Labadie.....France
Evelyn Larson.....St. Paul, Minn.
Gladys Larson.....St. Paul, Minn.
Ruby LaBarre.....St. Paul, Minn.

Evelyn Lindsay.....St. Paul, Minn.
Thelma Long.....St. Paul, Minn.
Ruth Luxon.....Duluth, Minn.
Velva McIntire.....McIntire, Iowa
Grayce McKee.....Albert Lea, Minn.
Albert McMillan.....St. Paul, Minn.
Myrtle Maahs.....Echo, Minn.
Evelyn MacMicking.....St. Paul, Minn.
Mary MacMicking.....St. Paul, Minn.
Laura Marles.....St. Paul, Minn.
Alice Maulsby.....Sykeston, N. Dak.
Mary Mixer.....St. Paul, Minn.
Minnie Moline.....Gibbon, Minn.
Jean Mosier.....Brainerd, Minn.
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Mrs. Margaret Oakes.....St. Paul, Minn.
Dorothy Pace.....St. Paul, Minn.
Esther Pearson.....St. Paul, Minn.
Irene Peterson.....Pipestone, Minn.
Mildred Peterson.....Dawson, Minn.
Ione Pickle.....Madison, Minn.
Marie Rackliff.....St. Paul, Minn.
Kathryn Rasey.....St. Paul, Minn.
Mrs. Anna Redlack.....St. Paul, Minn.
Clinton Reid.....St. Paul, Minn.
Amalia Renz.....St. Paul, Minn.
Helen Renz.....St. Paul, Minn.
Elsie Richardson.....St. Paul, Minn.
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Pearl Root.....Morgan, Minn.
Laurice Russell.....St. Paul, Minn.
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Robert Sands.....St. Paul, Minn.
Ruth Schickler.....St. Paul, Minn.
John Schlegel.....St. Paul, Minn.
Emma Schroeder.....St. Paul, Minn.
Evelyn Schwartz.....St. Paul, Minn.
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Clara Smithson.....St. Paul, Minn.
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Josephine Tatum.....St. Paul, Minn.
Grace Terry.....St. Paul, Minn.
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Olive Wagner.....Echo, Minn.
Dorothy Warne.....St. Paul, Minn.
Iona Warnock.....St. Paul, Minn.
Rosalie Weiss.....St. Paul, Minn.
Margaret Wharry.....St. Paul, Minn.
Aurelia Wheeldin.....St. Paul, Minn.
Florabel Wickett.....Canton, Minn.
Florence Wiebmer.....St. Paul, Minn.
Vera Willford.....Canton, Minn.
Mrs. Williston.....St. Paul, Minn.
Halvor Wiulsrud.....Hamlet, N. Dak.
Jessie Wright.....St. Paul, Minn.
Lydia Wrbitzsky.....Silver Lake, Minn.

Summary of Students

College	324
Conservatory of Music	137
Total	461
Counted twice	46
Net total	415

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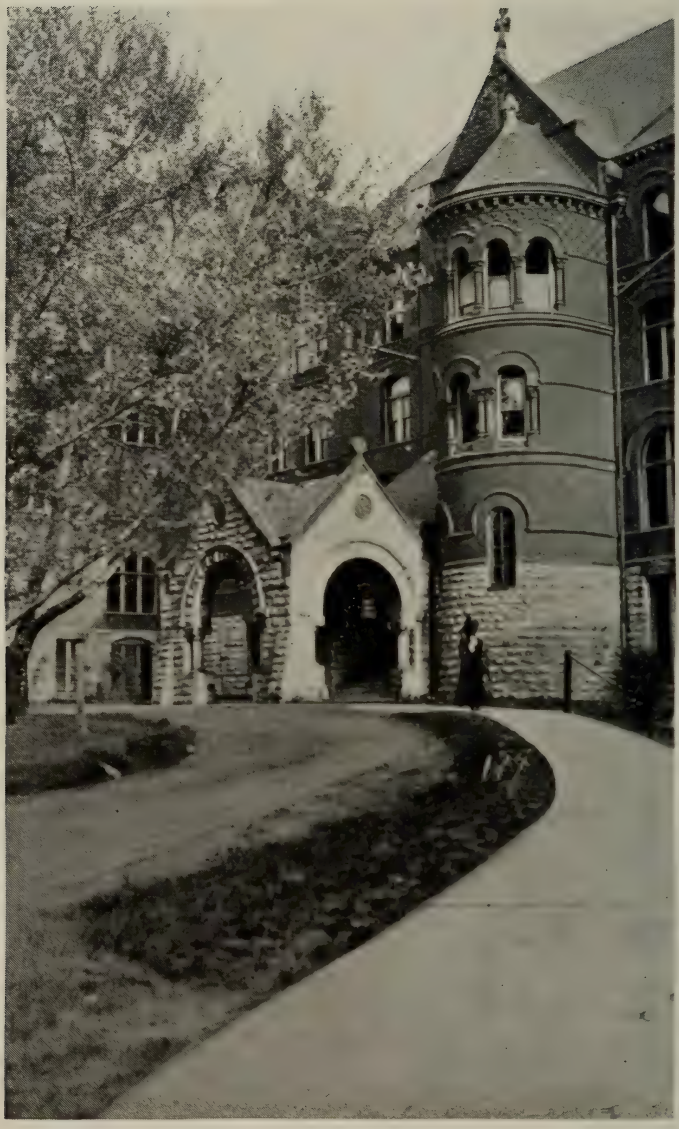
April, 1920
Vol. VIII Number 3



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SAINT PAUL, MINNESOTA

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Issued Quarterly in October, January, April and June.

College Calendar

1920-1921

1920

June 9-15. Wednesday-Tuesday, Second Semester Examinations.
June 11. Friday, 1:30 p. m., Annual Meeting of Board of Trustees.
June 11. Friday, 8:30 p. m., Recital, Conservatory of Music.
June 12. Saturday, 8:15 p. m., Senior Class Play.
June 13. Sunday, 10:30 a. m., Baccalaureate Sermon.
June 13. Sunday, 8:00 p. m., Christian Association's Service.
June 14. Monday, 11:00 a. m., Extemporaneous Speaking Contest.
June 14. Monday, 8:15 p. m., Senior Class Play.
June 15. Tuesday, 11:00 a. m., Class Day Exercises.
June 15. Tuesday, 6:30 p. m., Alumni Banquet.
June 16. Wednesday, 10:30 a. m., Thirty-first Annual Commencement.
June 16. Wednesday, 1:30 p. m., College Luncheon.
June 16. Wednesday, 8:30 p. m., President's Reception.
September 20-22. Monday-Wednesday, Registration Days.
September 22. Wednesday, 10:30 a. m., First Semester begins.
November 25. Thursday, Thanksgiving.
December 17. Friday, 4:20 p. m., Christmas Vacation begins.

1921

January 4. Tuesday, 8:00 a. m., Christmas Vacation ends.
January 31-February 4. Monday-Friday, First Semester Examinations and Second Semester Registration.
February 8. Tuesday, 8:00 a. m., Second Semester begins.
February 12. Saturday, Lincoln's Birthday.
February 22. Tuesday, Washington's Birthday.
March 24. Thursday, 4:20 p. m., Spring Vacation begins.
March 31. Thursday, 8:00 a. m., Spring Vacation ends.
April 1. Friday, Last Day for Submitting Senior Theses.
May 30. Monday, Decoration Day.
June 8-14. Wednesday- Tuesday, Second Semester Examinations.
June 15. Wednesday, Second Semester ends.

Administrative Officers

Address correspondence as follows:

ELMER ALLEN BESS, President.
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Curriculum, Student Activities and College Policies.

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Dean of Women.

JOHN P. HALL, Registrar.
Catalog, Grades, Credits, Entrance Requirements.

HARRY PHILLIPS, Director Conservatory of Music.
Catalog, Tuition, Entrance.

ALICE M. CLOUGH, House Director of Wallace Hall.

H. S. ALEXANDER, Purchasing Secretary.

BISHOP H. SCHRIBER, Secretary and Attorney.
Records, Taxes, Litigation, Release of Mortgage.
Pioneer Building, St. Paul.

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Endowment Investments.
Merchants National Bank Building, St. Paul.

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Residence, 233 Macalester Avenue. Midway 6413.

SARAH ELIZABETH MacKNIGHT, A. B.,
Secretary to the President and Registrar.
Residence, 355 St. Anthony Avenue. Dale 6092.

Committees of the Faculty

Rules and Discipline

R. U. Jones
A. W. Anderson
Mrs. Chas. W. Williams
Julia M. Johnson

Curriculum

R. U. Jones
H. D. Funk
G. W. Davis
L. R. Shero
D. N. Kingery
A. W. Anderson
D. F. Pasmore

Library

F. G. Axtell
James Wallace
A. W. Anderson

Catalog

J. P. Hall
A. W. Anderson
D. N. Kingery

Program

A. W. Anderson
F. D. McRae

Matriculation and Evaluation of Credits

J. P. Hall
R. U. Jones

Religious Life and Activities

H. D. Funk
James Wallace
F. D. McRae
G. W. Davis
Mrs. Chas. W. Williams
Julia M. Johnson

Buildings and Grounds

Grace B. Whitridge
D. N. Kingery
H. S. Alexander

Scholarship Society

A. W. Anderson
Ethelwyn Hopkins
Glenn Clark

Student Courses

R. U. Jones
J. P. Hall
Mrs. Chas. W. Williams

Social Affairs

Mrs. Chas. W. Williams
D. F. Pasmore
L. R. Shero
F. D. McRae
Grace B. Whitridge
Hallie Chalfant

Athletics

J. T. McCallum H. D. Funk

Student Publications and Forensics

Glenn Clark D. N. Kingery L. R. Shero
Grace B. Whitridge J. P. Hall
D. L. Augustine

Vocational Bureau

H. D. Funk Hallie Chalfant Mrs. Bess
J. P. Hall D. L. Augustine

Graduate Work, Alumni and Ex-Students

H. S. Alexander G. W. Davis Julia M. Johnson
J. P. Hall Hallie Chalfant

Publicity

G. W. Davis Glenn Clark
J. P. Hall F. D. McRae Ethelwyn Hopkins

Commencement Exercises and Honorary Degrees

James Wallace F. G. Axtell G. W. Davis
Grace B. Whitridge

Nominating Committee

G. W. Davis A. W. Anderson R. U. Jones
H. D. Funk L. R. Shero

The President of the College is ex-officio a member of each faculty committee.

General Information

Historical Sketch

Macalester College is the outgrowth of the Baldwin School of St. Paul, projected by Rev. Edward D. Neill, D. D., as far back as 1853; and of a similar institution opened in 1873 by the same gentleman in Minneapolis. In 1874 Charles Macalester, of Philadelphia, donated to this school the valuable property known as the Winslow House, near the Falls of St. Anthony, with the understanding that as soon as possible it should be developed into a college. In his honor the institution was named Macalester College. Until 1880 it was an undenominational school. In October of that year it was adopted by the Synod of the Presbyterian Church of Minnesota. In 1883 a syndicate of the trustees bought the present site and gave it to the Board of Trustees. The first building thereon was erected in 1884 and the college was opened September 15, 1885.

Rev. Dr. Neill, the founder of the college, was the first territorial superintendent of public instruction and the first chancellor of the State University. He is the author of Neill's History of Minnesota, and also of valuable monographs on colonial history. He died September 26, 1893.

From the beginning Macalester College was burdened with debt, and altho, under the leadership of President James Wallace and Rev. David C. Platter, financial secretary, this debt was considerably reduced, yet, on account of the hard times of the nineties, it had, by June, 1898, risen to $180,000. With the energetic assistance of Robert A. Kirk, Thomas Shaw and Rufus C. Jefferson, the board was reorganized, the debt liquidated, and efforts for a permanent endowment begun. On July 1, 1911, the trustees certified that a total of $467,000 had been given; that of this total $307,000 was invested in endowment securities and $160,000 in Wallace Hall and Carnegie Science Hall.

Macalester College celebrated its quarter centennial June, 1910, with impressive ceremonies. By direction of the Board of Trustees, and at the expense of the college, a History of Macalester College was published by Professor H. D. Funk.

The Trustees on June 9, 1914, completed a second endowment campaign for $250,000. Payments of pledges were completed by July 1, 1916. The college resources now total $970,000.

Presidents of Macalester College

Rev. Edward Duffield Neill,* D. D., 1873-1884.
Rev. Thomas A. McCurdy,* D. D., 1884-1890.
Rev. David James Burrell, D. D., 1890-1891.
Rev. Adam Weir Ringland, D. D., 1892-1894.
Prof. James Wallace, Ph. D.,
Acting President, 1894-1900; President 1900-1906.
Prof. Thomas Morey Hodgman, M. A., LL. D., February 1907-1917.
Rev. Elmer Allen Bess, D. D., 1918—.

Form of Bequest

The corporate name of the institution is Trustees of Macalester College.

Legal Form of Bequest.—I give and bequeath to the Trustees of Macalester College of St. Paul, Minnesota, duly incorporated under the laws of Minnesota, the sum of .....dollars.

Location

Macalester College is located in Macalester Park, St. Paul, a beautiful suburb in the so-called Midway district. The location is favorable for study, for the development of a pure and wholesome college life, and for careful supervision of the conduct of students. Easy access to the Twin Cities is afforded by the Grand Avenue and Snelling Avenue electric lines—the latter of which connects with all four interurban lines. This combination of college and city life is a unique advantage to Macalester students. The public libraries, churches, lecture courses and musical entertainments of these cities offer cultural opportunities and the vocations in city life can be studied at first hand.

Campus

The campus contains forty acres with a frontage of six hundred and sixty feet on Summit Avenue, a fine boulevard two hundred feet in width, which connects the Twin Cities. The College buildings are situated on the north half of the campus, while the ample athletic field, grove of oaks and ice skating rink occupy the southern half.

Buildings and Equipment

The Main Building is of brick, one hundred feet long and fifty feet wide, three stories high with basement, and contains class

*Deceased

rooms, society halls, library, auditorium and executive office. The building is heated by steam and provided with its own electric light plant.

The Carnegie Science Hall, the gift of Mr. Andrew Carnegie, is a three-story building with a full height basement. It is essentially fireproof, being constructed of reinforced concrete and brick. The exterior is of colonial brick with trimmings of Bedford limestone. The basement contains a wood shop and a metal shop for applied mechanics. The first floor is devoted to physics and mineralogy; the second to biology, mathematics and astronomy; and the third to chemistry. Electrical connections are provided in all of the lecture rooms for general demonstrations and lectures.

Museum.—In the Science Hall is the Museum, small at present, but growing. The Lewis Collection of Indian relics is rare and valuable, as is also the Educational Collection of marine invertebrates and fishes contributed by the Smithsonian Institution, Washington, D. C. Friends are invited to keep in mind the importance of a museum in educational work.

The Men's Dormitory is a three-story brick building, ninety feet long by thirty-eight feet wide. The second and third floors contain twenty double rooms designed to accommodate two students each. The building is heated by steam and lighted by electricity.

Wallace Hall, situated at the corner of Summit and Macalester Avenues, one block from the main campus, is the dormitory for women, accommodating eighty students. This is a thoroly modern fire-proof building. The building stands on high ground and the students' rooms are so arranged that each is sunny and airy. Besides the rooms for the young women, there are three large beautifully furnished parlors, a sunny dining room seating one hundred, a well appointed gymnasium in which all of the classes in physical training for the women of the entire college are held; and the music rooms, where the Conservatory of Music meets its students. The building is steam heated and electric lighted; has hot and cold water in every room, and is equipped with shower and tub bath facilities.

Nothing has been spared to make at Wallace Hall a congenial and refined environment for the comfort and development of young women.

Drawing of rooms by upper class women occurs in the spring and freshman rooms are assigned in the order of application.

The hall government is organized under the name of the Woman's Self-Government Association of Wallace Hall, which in conjunction with the Dean of Women regulates the life of the Hall, in conformity to the customs and ideals for which the policy of Macalester College calls.

Miss Alice M. Clough presides here as House Director, and the Dean of Women, Mrs. Charles W. Williams, has her residence at Wallace Hall.

Rice Hall, named in memory of Rev. Daniel Rice, D. D., a former professor and trustee, is a frame building facing the campus, used as a practice hall by the School of Music. It contains sixteen rooms, heated by steam and lighted by gas.

Heat, Light and Power Plant.—A central plant containing two boilers, an engine and a dynamo, supplies the Main Building, the Men's Dormitory and the Science Hall with steam heat, electric light and power.

Shaw Field.—Provision for the encouragement and development of outdoor athletics has been made by the construction of the Thomas Shaw Athletic Field. This contains four acres of the campus lying directly south of the main building and is enclosed by an iron fence. A quarter-mile track, twelve feet wide, with turns on a hundred-foot radius, is one of the important features of the field. This track is on a dead level and has a foundation of coarse cinders five inches deep, on top of which is a layer of fine surfacing cinders two inches deep. The part of the field enclosed by the track is laid out as a football and baseball field and also provides room for an outdoor basketball field. The whole area within the track is perfectly level and, with the exception of the diamond, is seeded down with a special mixture of lawn grass seed which will stand the rough usage athletic fields naturally receive.

The track in front of the bleachers has straight extensions at the corners which provide a straightaway track for all the short races, while just inside the curb the proper settings are provided for the pole vault, the running broad jump and the discus throw.

A community toboggan slide, at the south end of the field, was built and presented by residents of Macalester Park.

Shaw field, which was dedicated at the opening of the school year in 1909, was named in honor of Professor Thomas Shaw, former President of the Board of Trustees, on account of his interest and assistance in the athletics of the institution.

Library

The Edward D. Neill Library contains about 15,000 volumes. The working collection, about 10,000 volumes, is located on the third floor of the Main Building; less used books are on other floors. For greater security the Neill collection has been placed in the museum room in Science Hall; in this building also are department collections.

The Neill collection, consisting for the most part of books presented by Dr. Neill or acquired during his librarianship, contains Americana and some sixteenth and seventeenth century editions in theology and the classics; there are fifteen hundred volumes and a valuable collection of autograph letters.

The Dewey system of classification is used.

For maintenance of the library there is set apart each semester two dollars and fifty cents of each tuition fee.

Henry L. Moss, a trustee of the college until his death in 1902, and his wife Amanda H. Moss, who died in 1910, bequeathed to the College property which has added about $7,500 to the endowment and produces for the Library $450.

The Library is open as follows: Monday to Friday, from eight until five o'clock; Saturday, from eight to twelve, and one-thirty to five o'clock; holidays, nine to twelve, and one-thirty to five o'clock.

The following periodicals are on file in the Library or in the department libraries:

Advocate of Peace.
American Economic Review.
American Historical Review.
American Issue.
American Journal of Sociology.
American Mathematical Monthly.
American Naturalist.
American Political Science Review.
Annals of the American Academy of Political and Social Science.
Association Men.
Atlantic Monthly.
Bible Champion.
Bible Society Record.
Biblical Review.
Bookman.
British Weekly.
Bulletin of the Pan American Union. (English and Spanish editions).
Century Magazine.
Chemical Abstracts.
Chemical and Metallurgical Engineering.
Christian Endeavor World.
Classical Journal.
Classical Philology.
Classical Weekly.
Contemporary Review.
Continent.
Converted Catholic.
Country Life in America.
Current History Magazine.
Current Opinion.
Education.
Educational Review.
English Journal.
Etude.
Expository Times.
Forum.
Harper's Magazine.
Herald and Presbyter.
Hibbert Journal.
Historical Outlook.
Home Mission Monthly.
House Beautiful.
Independent.
Industrial Arts Magazine.
International Review of Missions.
Journal of American Chemical Society.

Journal of Geology.
Journal of Industrial Chemistry.
Journal of Parasitology.
Journal of Political Economy.
Literary Digest.
Living Age.
London, Edinburgh and Dublin Philosophical Magazine.
Minnesota History Bulletin.
Missionary Review of the World.
Mississippi Valley Historical Review.
Modern Language Journal.
Musician.
Musical Quarterly.
Nation.
National Geographic Magazine.
New Era Magazine.
New Republic.
North American Review.
Outlook.
Philippine Presbyterian.
Physical Review.
Political Science Quarterly.
Popular Astronomy.
Popular Mechanics.
Proceedings of the Academy of Political Science in the City of New York.
Progress.
Protestant Review.
Psychological Bulletin.
Psychological Review.
Publications of the Modern Language Association of America.
Quarterly Journal of Economics.
Range News.
Reader's Guide to Periodical Literature.
Religious Education.
Review of Reviews.
St. Paul Pioneer Press.
School and Society.
School Review.
Scientific American.
Scientific American Monthly.
Scientific Monthly.
Scribner's Magazine.
Sunday School Times.
Survey.
Teachers College Record.
Union Signal.
Unpartizan Review.
Woman's Work.
World's Work.
Yale Alumni Weekly.
Yale Review.

Other Library Privileges

The St. Paul Public Library contains 238,000 volumes, for the most part of recent publications, or recent editions of older works. Fourteen hundred periodicals are on file. The Social Science reading room is a special feature, where the library's collection of books in economics, politics, education and social work may be consulted. There is also a reading room for the useful arts and one for the fine arts, including music. This library is located within fifteen minutes' ride by street car from Macalester College. Books for reference work may be secured at the request of the faculty, and kept, if in use, for an indefinite period.

The library of the Minnesota Historical Society contains about 130,000 books and pamphlets. In addition to its very large collection on American local history, it contains much material on the Northwest and Canada, also one of the largest collections in genealogy and biography in the United States, and an extensive collection relating to the Scandinavians in America. This library building is located near the state capitol.

Other libraries open to students are the State Law Library The Board of Control, Tax Commission and Labor Commissio libraries, also the Minneapolis Public Library which has specialize in English, local history and in art.

Occasional use is made of the libraries of the University of Mi nesota, the College of Agriculture and the Ramsey County Medic Society.

Administration

In the administration of the college, appeal is made to the self-respect and honor of the students. They are constantly encouraged to guard well their honor and that of the institution, and to maintain a wholesome esprit de corps.

Some regulations, however, are necessary, and when students matriculate it is understood that they thereby submit themselves to the government of the college and pledge themselves to support the same while they are members of the institution. They are expected, and, by virtue of their matriculation as students of the institution, are understood to obligate themselves to act as ladies and gentlemen, to be faithful in attendance upon recitations, examinations, daily morning prayers, and Sunday morning service, and to be diligent in preparation of all tasks assigned.

Parents and prospective students should note that no fraternities are permitted, no smoking on the campus or in any of the college buildings by faculty, employees or students and no dancing engaged in by both men and women at any college function. It is from no Puritanic attitude nor from any desire to be peculiar that the college makes these prohibitions. They are enforced rigidly because scholarship and the best interests of the student body are subserved thereby.

Students whose influence is found to be hurtful, even though guilty of no serious breaches of order, will not be retained in the institution.

The dormitories are organized on the self-government plan under adequate faculty cooperation.

Registration

Students are required to register by the beginning of each semester. In case of delay in registration beyond the registration days indicated in the college calendar, a fine of one dollar will be imposed for the first day and fifty cents for each subsequent day. No excuses will be granted for late registration. Students may register by mail on deposit of tuition fee.

No student is permitted to register after the fourth Monday of the semester.

Students registering later than the second Monday of the semester are required to secure permission from the heads of the departments in their respective courses.

The matter of excess registration is to be referred to the deans.

The student who has failed in more than half the work of the first semester, counted by hours, may not register for the second semester.

The prospective student will facilitate registration by procuring from the college an application blank on which his principal or superintendent should fill in the student's credits. This blank should be mailed by the proper school authority to the Registrar by the first of September.

Examinations and Reports

Examinations are held at the close of each semester. A record is kept of each student's grades, a copy of which is sent to the parent or guardian at the close of each semester.

Students who secure a passing mark in a course are graded as follows: A, B, C or D, which mean excellent, good, fair and poor, respectively. Students who do not reach a passing mark are graded as follows: Con, I or F. Con, meaning condition, implies that the student has failed in the final examination and that the deficiency may be removed by his passing in a second examination to be given later. I means that the mark is withheld by the instructor because the work required has not been completed. F means failure in term grade. In cases of failure, students may secure credit only by repeating the course entire. A Con becomes an F upon failure to pass the second examination.

Conditions incurred in courses of the first semester must be removed by examination within the first six weeks of the second semester; conditions incurred in courses of the second semester must be removed within the first two weeks of the following semester.

For private and condition examinations a fee of fifty cents shall be paid for each examination to the Registrar, who shall thereupon issue a permit. Private examinations will be authorized by the faculty only, and for the most urgent reasons stated in writing.

Degrees

Graduates of the College of Liberal Arts receive the degree of Bachelor of Arts. The degree of Bachelor of Music is granted to students who fulfill the requirements for such degree in the Conservatory of Music.

No student shall be entitled to graduate who shall not have been attending the college at least one year.

Fellowships

The Board of Trustees has offered a limited number of fellowships open to graduates of other approved colleges and carrying a yearly stipend of $300. The holders are required to devote one-half of their time to assistance in the department offering the fellowship and the other half to graduate study in the University of Minnesota.

Prizes and Scholarships

Noyes Prize.—Mrs. D. R. Noyes has given $2,000, the interest on which is used as prizes for student scholarship. Last year the senior prize was awarded to Amy Le Vesconte, the junior to W. C. Thompson, Jr., and the sophomore to Grace Calder.

Stringer Prize.—In honor of the memory of Mr. E. C. Stringer, the college is able to offer an annual prize of twenty-five dollars, to be given to that student of the college, who, having not fewer than fourteen recitations a week, takes the first place in the preliminary oratorical contest, and represents the college in the state contest. Awarded this year to C. M. Tobin.

Debate Prize.—Mr. Walter L. Mayo, of St. Paul, offers a prize of thirty dollars, to be distributed to the six students who win positions on the state intercollegiate teams.

Macalester-Hamline Senior Prize in Oratory.—One hundred dollars in prizes is distributed among the winning contestants in an annual dual oratorical contest between the senior classes of Hamline and Macalester College. The first prize consists of fifty dollars, the second of twenty-five dollars and the third of ten dollars and three, of five dollars each.

Temperance Oratorical Prize.—Each year twenty-five dollars is given by The Board of Temperance to be divided in prizes of fifteen and ten dollars for the best orations on some phase of the temperance question.

Shaw Scholarship.—Given by Professor Thomas Shaw, of St. Paul, to the nominee of the Central Presbyterian Church, of St. Paul, yielding $50 per annum. Awarded this year to Ethel Fletcher.

Silliman Scholarship.—Offered by Mr. H. B. Silliman, of Cohoes, N. Y., and yielding $50 per annum. Awarded this year to J. M. Hargreaves.

Williams Brothers Scholarship.—Louis H. and Charles R. Williams, of Minneapolis, have given $1,000, the income from which is for the aid of a student selected by the faculty. Held this year by Stuart Hannah.

Webb Scholarship.—Mr. E. A. Webb, deceased, gave $1,000, the interest of which is to aid a candidate from the Central Presbyteran Church, St. Paul. Held this year by Marion Mills.

Winona Scholarship.—The First Presbyterian Church has given $1,000, the interest of which is to aid a candidate nominated by this church. Held this year by Elsie Heimer.

Biology Scholarship.—Dr. Archibald MacLaren, of St. Paul, contributes $50 to aid a student in the department of biology, to be selected by the head of this department. Held this year by Mildred Leven.

New England Scholarship.—The St. Paul Colony of New England women gives this year $60 to a young woman of New England parentage. Held this year by Helen McLean.

Scott Scholarship.—Mr. William H. Scott, of Philadelphia, gives $60 for a scholarship awarded by the faculty. Held this year by Margaret Johnson.

Fulda Scholarship.— The First Presbyterian Church of Fulda, Minnesota, gives an annual scholarship covering the entire tuition of a student approved by the faculty committee on scholarships.

McLain Journalism Scholarship.—Mr. J. S. McLain offers a prize of $50 for the encouragement of high class English work on the Mac Weekly. Awarded this year to Lucile Farrell.

Ministerial Scholarships.—Given by Board of Education of the Presbyterian Church to candidates for its ministry.

Honorary Scholarships of $50 each are offered to the first ranking student among the young men and also among the young women in each graduating class of an accredited four-year high school, provided that the superintendent certifies that such students are of honor grade.

Rhodes Scholarships.—"In order to keep this well known bequest before the minds of present or prospective students it is briefly mentioned. Circulars of full information can be obtained at the president's office. Any male student who is a citizen of the United States, unmarried, not less than nineteen nor more than twenty-four years of age and who has reached the end of his sophomore year of study, may be a candidate for one of the Minnesota scholarships. This insures to the winning contestants a three years' residence in Oxford University, England."

Loan Fund.—A loan fund of one thousand dollars has been completed by the Faculty Women's Club. This fund is now being used as a loan for short periods, without interest, preferably, to junior and senior women students.

Student Activities

The Y. M. C. A. has a membership of about seventy students. It holds its regular meeting every Tuesday morning and evening. A committee of the association is present at the college two or three days before the opening of the first semester to assist the new students. The president of this association is W. C. Thompson, Jr.

The Y.W. C. A. has this year a membership of about seventy-five. Its regular meeting is held every Tuesday morning. There is also a flourishing mission-study class. The president of the association is Marion McLeod.

Literary Societies.—In the college there are five literary societies under the general oversight of the faculty. The Hyperion society admits to membership both men and women; the Athenaean and Eulogian societies admit men, and the Clionian and Philotian societies, women.

In the Music School, the Euterpean society is open to music students.

No literary society or other student organization may be established without the consent of the faculty.

The Writers' Club.—Students whose work in the English Department is of sufficient merit to be published in the Gateway Magazine are eligible for membership in the Writers' Club.

Meetings of the club are held every two weeks when a literary program is given.

Debate and Oratory.—All matters pertaining to debate and oratory are under the charge of the Forensic Board. This Board is

composed of one representative from each literary society, one from each class and three representatives from the faculty.

The college takes part in four intercollegiate oratorical contests. Of these, three are state contests: the State Intercollegiate, the State Temperance and the State Peace Oratorical Contests. The other is the Hamline-Macalester Senior Oratorical Contest. A preliminary home contest is held for each of these contests, making four home contests, for which suitable prizes are offered.

Interscholastic Forensic Competition.—Macalester College has taken a great interest in developing a more natural, effective manner of public speaking among the high schools of the state. To further that end it has organized the State High School Discussion League which is now starting on its sixth year, and the State High School League in Extemporaneous Speaking which is starting on its fourth year. The state has been organized into districts and the winners of the district contests come to Macalester the third week in February where the state contests are held. Macalester College furnishes medals for the winners of district and state contests and shields for the winning schools.

A circular containing detailed statement of the plan and rules of the contests can be obtained by addressing Professor Glenn Clark, Macalester College.

College Glee Club.—J. P. Hall, Director.

The M Club is an organization founded principally to keep those who have won the letter in touch with each other and to foster athletics.

The club was organized Dec. 9, 1913. When a Macalester student has earned an M he becomes a member on payment of one dollar initiation fee. No annual dues are paid while the student is in school.

Meetings are held about once a month when dinner is served and toasts are given by faculty members, alumni and coaches.

During the business meeting which follows, questions concerning athletics are brought up. The club does everything in its power, in keeping with the spirit of the school, to promote athletics and attract students from the surrounding territory.

Anyone who desires information concerning the college may write to the officers mentioned below, or to any M man whom he knows and the information will be given.

President, D. S. Doty, 109 North Snelling Ave., St. Paul.

Secretary and Treasurer, W. I. Orlebeke, Macalester College, St. Paul.

The Honor Scholarship Society

The society was organized in 1914 with twenty charter members. The aim of the society is to stimulate scholarship and intellectual interests in the college. It regards scholarship, intellectual leadership, originality and character as the requisites for eligibility to membership.

The society is now composed of fourteen active members. New members are elected by the faculty at the beginning of October in each year. The eligible list for new members is composed of students having an average standing of at least B and having a standing in college of at least sophomore without condition. Half of the new members selected from this list are chosen on the basis of scholarship as shown by the registrar's records. The remainder are chosen from this list by ballot of the faculty. After these are chosen, a new list may be made, including students not otherwise eligible, by a three-fourths' vote of the faculty, and from this list not to exceed two more may be elected by ballot. At the close of the school year the faculty may add to the membership of the society members of the graduating class who have exceptionally fine records through their senior year.

At graduation, active members become graduate members of the society, and are entitled to all its privileges except voting. Members of the faculty are honorary members of the society. There are at the present time forty-eight graduate members.

The society has an active member's pin of silver, which is presented to each new member at the recognition exercises when he enters the society, and a graduate member's pin of gold, which is presented to graduating members at, or just preceding, the commencement.

The officers of the society are: President, Carrie Louise Krugmeier; Vice-President, Ruth Marjorie Swift; Secretary, Elizabeth Schade.

The Executive Committee of the Society is composed of the officers named above with Professors Anderson and Clark.

The list of active members is as follows:

Calder, Grace
Claus, Florence
Coleman, Mae Charlotte
Crane, Joseph Douglas
Flitch, Lillian Taylor
Greig, Roy Alfred
Haigh, Marion Ethel
Heimer, Elsie Ethel
Hynes, Myrtle Genevieve
Johnson, Florence Wilhelmina
Johnson, Linnea Margaret
Jones, Clara Dunlavy
Keller, Walter Philip
Krugmeier, Carrie Louise
Krugmeier, Gertrude Helene
Landeene, Mae Cecile
McNaughton, Margarette Ralston
Maulsby, Alice
Medcalf, Bertha Louise
Mosier, Jean Florence
Olson, Edith Marie
Olson, Violet May
Peabody, Lloyd Ernest
Peabody, Mildred
Pearson, Florence V.
Petersen, Irene Marguerite
Pratt, Dorothy
Rost, Ruth Amelia
Schade, Elizabeth
Scidmore, Anna Belle
Scotton, George Eddy
Shogren, William John
Swift, Ruth Marjorie
Thompson, William Carson, Jr.
Tobin, Chester Martin
Willson, Ruth Jay

Religious Life and Exercises

Macalester was founded as a Christian college. The atmosphere of the college has always been warmly religious. The Young Men's and Young Women's Christian Associations are large and active. The city offers much opportunity for religious work. In keeping with the purpose of the founders of the college the faculty makes the following requirements:—(1) all students registering for more than five hours a week in college studies are required to include the equivalent of at least one hour a week of Bible study for the year; (2) attendance at the daily chapel exercises of the college at ten o'clock in the morning is required of all college students without exception; (3) attendance at Sunday morning church services is expected of all students and required of all who are not living at home with their parents. Students connected with churches either by membership or sympathies are expected to attend the church of their preference.

The Macalester Church has initiated a system of affiliated memberships, by which the student who wishes may retain his membership with his home church while at the same time coming into such relation with the local church at the college that he may

feel that he has here a church home and center for his religious life. Students are urged to take advantage of this offered affiliation.

Physical Training and Athletics

Athletics and careful physical training are required, and three dollars of the tuition fee for each semester are set apart for the support of athletics. Students are thereby entitled to admittance to all athletic contests at Macalester and to the use of the gymnasium, toboggan slide and skating rink. The athletic field is enclosed, and contains about four acres. There are a number of lawn tennis courts. A large skating rink has been provided in the midst of the oak grove at the south of the campus, and has been very popular. Trained coaches are provided for field sports.

A course in personal hygiene is required of all freshmen. On completion of two years' physical training one credit is given for this course.

Classes in physical training are conducted for young women in the gymnasium of Wallace Hall. Attendance is required of freshmen.

Vocation Bureau

A vocation bureau assists graduates to obtain positions in the various callings for which they have been trained.

Teachers' Bureau

The college maintains a reliable teachers' bureau as a means of communication between graduates and superintendents and school boards desiring competent teachers. Graduates will not be recommended to positions for which they do not give good evidence of fitness. This service is given without charge. Those desiring to make inquiry in regard to teachers should address The Teachers' Bureau, Macalester College, St. Paul, Minnesota.

Publications

The following publications are issued from the college:—

The Macalester College Bulletin, a quarterly devoted to the advertisement and advancement of the institution.

The Mac, a triennial publication devoted to college interests, published by the college students.

The Macalester Weekly, a student publication established in 1914. It gives expression to student opinion upon matters of college life, and gives complete accounts of all college events. The editor-in-chief is Norman E. Nygaard.

The Gateway, a literary magazine published by the members of the English composition classes.

Expenses

Students' fees are paid at the beginning of each semester, before completion of registration and strictly in advance, as follows:—

Tuition, regular student	$45.00
Special student (not more than eight hours)	30.00
One dollar of the tuition for the first semester is applied on the salary of special coaches.	
Special fees—	
Biology 1, 2, 4, 5, 21	$3.50
Biology 19	3.00
Biology 3	2.00
Biology 6, 8	1.50
Chemistry 1, 6	7.00
*Chemistry 2, 3, 4, 7, 8, 9	5.00
Physics	3.00
Geology	1.00
Applied Mechanics	4.00
Homemaking	1.00
Mechanical Drawing	.50
English, 1, 2, 3	1.00
Locker, annual fee	1.00
Diploma	5.00
Men's guarantee fee	1.00

*This is a deposit fund. The actual fee charged will be based upon the cost of material.

No deductions are made except for sickness lasting a month or more.

Credits are withheld until all obligations are met.

From tuition fees the trustees, on recommendation of the faculty and students, appropriate the following amounts: athletics, $3; library, $2.50; band, orchestra, debate and oratory, 50 cents; "The Mac," 50 cents; "Mac Weekly," $1.25.

Refunding Tuition.—If a student leaves the institution at any time after entrance without the approval of the faculty or because he has been suspended or dismissed, no money is refunded. Those withdrawing for other reasons, on or before the middle of a semester, will be allowed an equitable percentage on tuition paid.

Special Rates

1. Sons and daughters of ministers of any denomination are allowed a rebate of eight dollars each semester on tuition.

2. All candidates for the ministry, of whatever church or denomination, are allowed a rebate of eight dollars each semester on tuition upon the following conditions:—

(1) Candidates for the Presbyterian ministry shall be under the care of presbyteries, and shall present to the treasurer certifications to this fact from the clerks of the presbyteries. Candidates for the ministry of other denominations shall have their purpose to enter the ministry properly certified to by the proper ecclesiastical authorities.

(2) All such students will be held in honor bound to refund to the college treasury the amount of tuition rebated, in the event of their abandoning their purpose to enter the ministry.

The above concession, tho made at a great sacrifice to the college, is offered cheerfully, with the purpose of enhancing, as far as possible, the usefulness of the college. It is, however, justly expected of those who are thus helped that they will be faithful in promoting, as far as possible, the welfare of the institution and that they will complete their course of study at this institution.

3. When more than one person from the same family attend college at the same time a rebate of $4 on tuition fee will be allowed to each person after the first. This rule does not apply to those receiving other privileges or rebates.

Rooms and Board

Room rents for all college buildings and board at Wallace Hal are to be paid in advance each month of twenty-eight days.

Wallace Hall for Women—
Board per week, each person $5.00
Room rent per week, each person 2.00

The trustees reserve the right, in view of possible fluctuations in cost of supplies, at the end of the first semester to raise or lower the charge for board.

Men's Dormitory—
Room rent per week, each person $1.25
All rooms have two occupants and the rentals include light and heat.
Men students board at The Commons, or in private families.
Board costs on an average $5.00 a week.
Rooms in private families per month, $6.00 and up.

Occupants of dormitory rooms are held responsible for their rooms for the semester unless obliged to withdraw from college.

Each student in the college dormitories is required to deposit $2.50 (including deposit for key) as a guarantee against damage to college property, and to make it up to that amount at the opening of each semester thereafter. From this fund are deducted (1) charges for damage for which he is personally responsible; (2) charges (pro rata) for damage done in dormitories by unknown hands. The surplus, if any, is refunded to the students at the end of the year, or when they leave the dormitory.

Rooms

(1) **Furniture.**—All rooms in men's dormitories are furnished with bedsteads (two-thirds size), mattresses, pillows, dresser stand, bowl and pitcher, study table, book shelves and three chairs. The toilet room lavatory is supplied with hot and cold water. Students in the dormitories must provide their own bed clothing, towels, and carpets or rugs. In Wallace Hall there are single iron beds, mattresses, pillows, dresser, study table, two rockers, two study chairs, a lavatory with hot and cold water, steam heat and electricity. Floors are of hardwood.

(2) **Application.**—Application for room in the dormitories should be made as early as convenient to the President. Reservation fee is $3.00. This applies on first month's rent. Rooms will not be held later than the opening of the term unless the room rent is advanced for the period of delay. In case applicants fail to come, the money advanced will not be returned. Rooms will be assigned in the order of application.

No deduction is made for vacations during school year. Students are charged for their rooms till they are formally vacated—whether continuously occupied or not—and keys surrendered.

Each dormitory tenant is held responsible for the rent for the entire semester. A student may shift this responsibility by securing a new tenant not occupying dormitory quarters, but is relieved from the obligation only on withdrawal from the college for good reasons.

Students working for the college will have all bills due the college deducted from the amount due them before being paid for work performed.

Students who are in arrears at the end of any semester will be refused credits for the semester's work until all bills incurred by them have been paid; also future registration will be denied and no

class work allowed until settlement satisfactory to the treasurer has been made.

Self-Support

Students desiring to do something toward defraying their own expenses can usually find some way of doing so. Many find work on Saturdays, in stores and other places of business, and have thus paid a large part of the expense of their board. Others have earned their board by working mornings and evenings. It is seldom that any worthy, capable student with energy and tact fails to find some means by which he may work his way thru college, provided the summer vacation is improved to increase his income.

The Y. M. C. A. employment bureau has been organized to assist students in finding work. There are opportunities for work in stores and offices, caring for furnaces, waiting in clubs and carrying newspapers, and in many other ways dependent upon the student's fitness. Valuable suggestions as to employment and the financial side of college life are gladly furnished to prospective students on application and every effort to assist the new-comer is cheerfully made. Address all communications to Chairman Employment Committee, Macalester College, St. Paul.

Telephone

The college office telephones are Midway 0486 and Auto 82522; Conservatory of Music, Midway 2656; Wallace Hall, Midway 0535; Men's Dormitory, Midway 0202; The Commons, Midway 8988; Dean of the College, Midway 0166; Dean of Women, Midway 1087; Purchasing Secretary, Midway 0201.

College of Liberal Arts

The *men of experiment* are like ants—they only collect and use.

The *reasoners* resemble spiders, who make cobwebs out of their own substance.

But the bee takes a middle course; it gathers the material from the flowers, but digests it by a power of its own.

So *true philosophy* neither chiefly relies on the powers of the mind, nor takes the matter which it gathers and lays it up in the memory, whole as it finds it, but lays it up in the understanding, to be transformed and digested. —*Francis Bacon.*

APPROACH TO MAIN BUILDING AND SCIENCE HALL

Entrance Requirements

General Statement

Entrance requirements are in harmony with the standards of the North Central Association of Colleges and Secondary Schools and the Association of American Colleges of which two organizations Macalester College is a member.

The satisfactory completion of fifteen units of properly coordinated work is required for admission to the freshman class of the college. The following units are required: three in English, one in Algebra and one in Geometry. Not more than four units in vocational subjects (including Agriculture, Commercial Work, Domestic Science and Manual Arts) may be presented. It is strongly recommended that the student submit two or more units of consecutive work in some foreign language. By a unit is meant four or five recitation periods a week in a subject, carried thruout a year of thirty-six weeks. The recitation periods must be not less than forty minutes in length.

Admission by Certificate

From Accredited High Schools and Academies.—Graduates of accredited high schools and academies requiring a four-year course are admitted without condition to the freshman class, subject to the requirement of the preceding paragraph. Accredited schools are those on the list of the North Central Association of Colleges and Secondary Schools, the list of Minnesota high schools prepared by the State Superintendent and similar lists of the high schools of other states.

Applicants for admission to the freshman class should apply to the Registrar for the Applicant's Admission Blank, which should be filled out by the principal of the high school or academy in which their courses were taken, and mailed by him to the Registrar, by the first of September.

From Unaccredited High Schools and Academies.—Graduates of such schools should secure the Applicant's Blank from the Registrar of the college, and have it filled out and sent to the Registrar as in the case of Accredited Schools. The credits will then be evaluated by the Matriculation Committee of the College and if satisfactory the student will be admitted.

Admission by Examination

Students not presenting certificates as provided for above must present a course of study equal to a four-year high school course. Such students will be examined in the course presented by them and will be admitted to freshman standing on passing the examination satisfactorily. These examinations will be given on the Monday and Tuesday preceding the opening of the college in September.

Suggestions to Students Preparing for Macalester College

The following suggestions respecting high school courses are not mandatory, but may be of value to future college students, now in high school or academy.

Suggested Units.—Students intending to major in Groups I or II (see page 36), are advised to present the following units for entrance:

English 4
Latin 4
Modern Language 2
Algebra 1½ or 1
Geometry 1½ or 1

The remaining units may be selected from the following:

History 1 or 2
German 2
Greek 2
French 2
Chemistry 1
Botany ½ or 1
Physics 1
Civics ½
Physiology ½ or 1
Zoology ½ or 1
Physical Geography ½ or 1
Manual Training ½ or 1

Students intending to major in Group III are advised to present the following ten units:

English 4
German or French 2
Chemistry or Physics 1
Algebra 1½
Geometry 1½

The remaining five units may be selected from the following:

Chemistry (if not above) 1
Botany ½ or 1
History ½, 1 or 1½
Zoology ½
French 1 or 2
Manual Training ½
Physics (if not above) 1
Physiology ½
Greek 1 or 2
Physical Geography ½ or 1
German 1 or 2
Civics ½

Suggested Courses of High School Study.—The following courses of study are suggested to students now in high schools who are preparing for entrance to Macalester College. Courses such as these will furnish substantial preparation for the work of the college and will articulate well with its courses:

Composition and Rhetoric 2 units
Literature 2 units
Algebra 1½ unit
Geometry 1½ unit
Latin 2 or 4 units
Greek, French or German 2 units
History and Civics 2 units
Natural Science 2 units

Admission with Advanced Standing

From Other Colleges.—Students coming from reputable institutions of collegiate grade should present letters of dismissal and are then given standing in Macalester College, allowing a fair equivalent on the course here for work done elsewhere.

From Normal Schools.—Credits from Normal Schools are to be reckoned according to the nature and quality of the work presented as judged by the Registration Committee. This committee consists of the Registrar and the Dean.

From High Schools and Academies.—Ordinarily, no credit will be allowed on the college course for excess units of work done in the high school or academy. A student asking for such credit should note the following conditions:—

(1) No credit will be allowed except for an excess beyond seventeen units of high school or academy work.

(2) No credit will be allowed except after an examination by the college instructors to whose departments the subjects belong.

(3) In no case will credit be given for more than half the time which the subjects consumed in the preparatory school course.

(4) The Matriculation Committee will decide which of the student's excess units may be submitted for college credit.

All credits from other institutions, for which the student wishes credit in this institution, must be presented at the time of registration. Credits presented later from other institutions will not be considered.

Requirements for Graduation

The College of Liberal Arts offers courses leading to the degree of Bachelor of Arts.

One hundred and twenty-seven credits are required for graduation, the term credit meaning one hour a week for one semester in class room or two hours a week in laboratory. These credits must be secured with reference to the group from which the student has chosen his major, as follows:

Required in All Courses.—

(1) 7 credits in Religious Education, Mental Science 2, and Vocation 1.
9 credits selected from Greek 9, History 3, Mental Science 11 and Religious Education.
At least two of these credits must be secured each year.
(2) 6 credits in English 1.
(3) 6 credits in Social and Political Science and History.
(4) 3 credits in Mental Science 1.
(5) 1 credit in Personal Hygiene.

32 credits required of all.

Major in Group I.—

(1) 14 to 42 credits in foreign language. At least 14 credits must be secured in college and the total with entrance credits from high school must be 42. Of these there must be 28 in one language, 14 in another. 14 credits must be in Latin or Greek. One entrance unit counts as 6 credits.
(2) 12 credits in Group III.
(3) 20 credits in major subject.
(4) 21 to 49 credits elective.

Major in Group II.—

(1) 14 to 28 credits in foreign language, total with entrance credits must be 28. No less than 14 credits in one language will count toward this requirement.
(2) 18 credits in Group II other than the major and Religious Education.
(3) 12 credits in Group III.
(4) 20 credits in major subject.
(5) 49 to 63 credits elective.

Major in Group III.—

(1) 8 credits in Mathematics 1 and 2.
(2) 14 credits in a modern language unless the student has presented 18 entrance credits in a modern language or 12 credits in one language and 6 in another.
(3) 18 credits in two subjects in Group III other than the major.
(4) 20 credits in major subject.
(5) 67 or 81 credits elective.

Special Credits.—Members of the College Glee Club and college band are allowed one credit each a year upon recommendation of adviser.

Points Required for Graduation.—In addition to the one hundred and twenty-seven credits mentioned above are required:

(1) An equal number of honor points, granted as follows: for each credit toward graduation earned by the student with a mark of A, three honor points are given; for each credit with a mark of B, two honor points; for each credit with a mark of C, one honor point. A mark of D carries with it no honor points.

(2) Ten points in Physical Education (required of each man), one point to be allowed for the course in Personal Hygiene which is required of all freshmen, and three points to be allowed for a season's work in the regular gymnasium class or in any of the recognized athletic sports (football, basketball, baseball, track and tennis). Four of these ten points must be obtained during the freshman year; and three during the sophomore year. The number of points obtainable in any one year toward satisfying the requirement is limited to seven.

Courses for the Freshman Year

In the Freshman year the student is required to select one of the following courses according to the group in which his major will probably be.

GROUP I.

Religious Education 1, 2 hours
Vocation 1, 2 hours
English 1, 3 hours
Latin, Greek, French or German (to complete requirements above), 4 hours
One subject from Group III
Elective
Personal Hygiene
Physical Education (men), 3 points

GROUP II.

Religious Education 1, 2 hours
Vocation 1, 2 hours
English 1, 3 hours
Latin, Greek, French or German (to complete requirements above), 4 hours
One subject from Group III
One subject from Group II
Personal Hygiene
Physical Education (men), 3 points

GROUP III.

Religious Education 1, 2 hours
Vocation 1, 2 hours
English 1, 3 hours
Latin, Greek, French or German (to complete requirements above), 4 hours
Mathematics, 4 hours
One subject from Group III
Personal Hygiene
Physical Education (men), 3 points

The elective courses for the freshman year are:—

Religious Education 1 (second semester)
Biology 1, 2
Chemistry 1
Expression 1
Foreign Language
History 1, 5, 6
Mathematics 1a, 1, 2, 9
Music
Applied Mechanics 1
Mental Science 1, 2
Social Science 1, 11

Language requirement must be completed if possible by the end of sophomore year.

Science requirements of the student, whose major is in Group I or II, must be completed by the end of the junior year.

History and social science requirements must be completed by end of junior year.

Majors and Minors.—Each student who is working for a degree must elect by the beginning of the junior year, under restrictions stated below, one major and two minors from the fourteen following departments:—

GROUP I.

1. Latin
2. Greek
3. German
4. Romance Languages
5. English

GROUP II.

1. Religious Education
2. Philosophy and Education
3. Social and Political Science
4. History
5. Music

GROUP III.

1. Chemistry
2. Physics (including Applied Mechanics 2 for major)
3. Biology
4. Mathematics

Terms Defined.—A *major* consists of twenty credits obtained in one department.

A *minor* consists of twelve credits obtained in one department.

Restrictions on Choice.—

(1) At least one of the minors must be in a different group from the major. The minors are subject to the approval of the student's adviser.

(2) The following courses are not counted toward a major or minor:—Bible 1 (one semester) and 2, Chemistry 10, English 1, Mathematics 1a and 9.

(3) French 1-2, German 1-2, Greek 1a, Latin 1-2 and 3-4, Mathematics 1a and 9, Mental Science 1, Biology 1 and 21, Physics 1 and Social and Political Science 1 and 11 are not counted toward a major. In Physics students must present one year of high school work in the subject in order to begin a major or minor.

Five Students Required for a Class.—The college does not hold itself bound for instruction in any elective course for which fewer than five students make request to the Registrar. Such classes may, however, be organized at the option of the instructor.

Theses.—On or before the opening of the second semester of his junior year, each candidate for a degree shall select the subject of a thesis connected with the subject which he is making his major. This subject must be chosen in consultation with the head of the department to which the student's major belongs and with his approval.

The completed thesis shall be typewritten and filed with the Librarian on or before the first of April preceding the student's graduation. The adviser is authorized to extend the time, for sufficient reason, to a date not later than the first of May. Such thesis must be prepared according to regulations to be obtained from the Librarian, and must bear the signed approval of the head of the department. Further, these theses must be accompanied by a complete bibliography of works consulted and analysis. Ordinarily, they will not be accepted if they exceed 6,000 words in length.

Classification of Students

Classification without Conditions.—For freshman classification, as stated before, fifteen units of acceptable high school work or their equivalent; for sophomore, thirty-two college credits in addition to the entrance requirements; for junior, sixty-four credits in addition to the entrance requirements; for senior, ninety-six credits in addition to the entrance requirements.

Classification with Conditions.—A student is classified as sophomore on gaining twenty-four college credits; he is ranked junior on obtaining fifty-four college credits; he is ranked senior on obtaining ninety college credits.

All conditions from previous years must be removed by the end of the first semester of the senior year.

Change of Course.—Registration at the beginning of the semester fixes the course of study for the student. After that no change is permitted without the written consent of the instructors concerned and the student's adviser. Dropping a subject comes under this rule.

After four weeks from the opening of college no card for dropping or electing courses shall be signed except by special permission of the faculty.

Unfinished Courses.—Students who drop a year course at the end of one semester lose all credit in that course unless some distinct phase of the subject is completed; in which case, the instructor may grant the credit.

Attending Courses as a Visitor.—Upon the approval of the adviser, a student shall be permitted to attend not to exceed four hours a week in classes for which he is not regularly registered. No credit is allowed for such attendance.

Preparation for Study of Vocations

The system of majors and minors and the elective system in use here permit the student to frame his college course with some reference to his future vocation. The student on selecting his vocation should, as soon as convenient, decide what school he will probably attend, then acquaint himself with its requirements for entrance, and shape his college course to meet those requirements. In general, however, the student will find the following courses helpful to him in his future vocational study.

For the Study of Medicine.—The following course is strongly advised for students who are preparing for the study of medicine. Those taking such a course are given a bachelor's degree upon the satisfactory completion of the first year's work in a recognized medical school.

Freshman Year	Sophomore Year	Junior Year
Chemistry 1 and 3	Biology (General Zoology and Vertebrate Anatomy)	Organic Chemistry
English	French or German	Histology and Human Physiology
French or German	History or Social Science	Psychology and Ethics
Mathematics 1 and 2	Physics	Elective
Vocation and Religious Education	Religious Education	

For the Study of Law.—The value of a full college course in preparation for the study of law cannot be disputed. Macalester offers a number of courses that are invaluable to law students, and a college course arranged with this group of subjects as a nucleus is suggested below, showing also the possibility of a well rounded college course that is designed to develop the best that is in the student.

Suggested Course to Law Students

Freshman Year	Sophomore Year
English	Public Speaking and Argumentation
Foreign Language	Foreign Language
Vocation and Religious Education	Religious Education
Sociology and Economics	History of Economic Theory
Science	Psychology and Ethics
History	
Junior Year	**Senior Year**
Roman Law and Jurisprudence	International Law
English Constitutional History	History
Debate and Oratory	Religious Education
Religious Education	Electives
Electives	

Social Service Course.—To meet the imperative needs of our time, and in full sympathy with the practical application of Christian principles to modern conditions, the following course in social service, leading to the A. B. degree, has been prepared. The student with a professional or technical career in view will find in it a solid foundation for his later special training; while those pursuing the other courses may select such numbers as will fit them to act well their part as social citizens in the communities in which they are to live.

Macalester, by its traditions and point of view, is peculiarly well adapted to a study of this nature. Moreover, the Twin Cities and environs afford an excellent opportunity for laboratory and research work. Supplementing the resources of the college are many agencies such as the great libraries of St. Paul and Minneapolis,

and a large number of public institutions of various kinds. Here, too, the industries are liberally represented, and practically all races meet and mingle together in the "melting pot" where the processes of Americanization can be seen and studied at first hand.

Freshman

Vocation 1 (1st semester).
Religious Education 1 (2nd semester).
English 1.
Modern Language.
Chemistry 1, or Biology 1 and 3.
Psychology.

Junior

Advanced Psychology.
Religious Education.
Social Science 8.
Social Service 2 and 3.
History 5 and 6.
Electives.

Sophomore

Religious Education 2.
Social Service 1.
Modern Language.
Chemistry 1, or Biology 1 and 3.
Electives.

Senior

All elective.

Courses Open to Election

Vocation 2.
Expression 1.
Education 1 and 2.
Religious Education 8.
History 1, 3 and 9.
Social Sciences 1, 2, 3, 11, 14, 16, 43.
Chemistry 1, 5, 6, 11.
Biology 1, 3.
Homemaking 3.
Applied Mechanics 1.

Other courses listed in the catalogue and applying to the general subject outlined above, as agreed upon by the professor in charge, may be elected.

For the Christian Ministry and Missionary Teaching.—The department of religious education and the electives in Greek Testament, philosophy, ethics and history offer a course well adapted to those who have the gospel ministry in view. Those, too, who are preparing to be missionary teachers will find in the wide range of Bible study pursued in the college an indispensable and very attractive adjunct to their course.

For Teaching.—The college has made special provision for the needs of students who wish to fit themselves for the teaching profession. The student should remember that there is the content side of his preparation and the technical side. The former part of the preparation he will obtain by directing his college studies thru the majors, minors and elective studies to the subjects which he will teach, with their related topics. The latter he will find in the courses in sociology, psychology, logic, ethics, history of philosophy, history and principles of education. This preparation will then be supplemented by practice work to increase his insight into the principles of his profession and give him skill.

Attention of young men is invited in particular to the laboratory shop courses and manual training teachers' course which, in connection with the science courses, fit men for positions for which there is at present great demand.

For Business and Technical Vocations.—If a student has chosen his vocation before entering college special courses are offered to help him find his capacities and to develop them. He is given a thesis for his vocation that he may gather data about it. By the use of psychological methods he builds up abilities to fit him for particular positions and to guide him into a knowledge of his vocation. He is taught how to use the college courses for this purpose.

Senior Electives in Professional Schools.—Students intending to study for some profession, who are obliged to shorten their course in preparation, may in the following manner save one year while still obtaining their degrees. After completing three years of the college course and being enrolled for the fourth year, they may take the first year of a professional course in any school approved by the faculty in place of the work of the senior year.

Conditions Required.—This will be permitted subject to the following conditions: first, the required studies of the college must be completed in every case; secondly, a certificate must be presented from the professional school, showing the successful completion of the work of the first year in that school.

Students Not Candidates for a Degree

Students not expecting a degree will be admitted to the college under the following conditions:—

(1) They must present the requisite entrance credits, fifteen units for unconditioned registration, at least thirteen and a half for conditioned registration.

(2) They will be restricted in their choice of courses to such as their previous studies furnish a preparation.

(3) They are not excused from the operation of any of the regulations of the institution, which apply to the general student body.

These conditions being met, such students are classified according to the number of credits they have obtained, and are entitled to all the privileges of the college life.

The least number of hours which a student is allowed to carry is twelve, except by special action of the faculty in very exceptional cases.

Student Advisers

For registration, advice and supervision all students will be assigned to faculty advisers. Each faculty member will have from fifteen to twenty students, making it possible for each student to receive special attention in regard to his course. The adviser directs the student in the arrangement of a course of study in harmony with his tastes or prospective vocation. The aim of this system of advisers is more intensive and consistent courses of study, vocational direction, timely warning to laggards and closer and more friendly cooperation. Assignments to an adviser are made by the Dean of the College, with the purpose of securing to each student that adviser who will be of the greatest service to the student. When students have definitely fixed upon a vocation in life, they will be assigned to that member of the faculty whose department is most akin to the work they have in view. Students who have fixed upon their major study will be assigned to the head of the department to which that major study belongs.

Courses of Study

Biology

ADJUNCT PROFESSORS HOPKINS AND AUGUSTINE

The courses have been so arranged that it is possible to choose work either of a general or a special nature. Students wishing a well rounded education will be able to select work which will meet their needs and in which the cultural aspect is emphasized. Choices should be made from the following: Biology 1, 3, 6, 7, 8, 21.

Those preparing to teach Biology in high schools will be able to choose suitable work and will be given opportunity for practice in laboratory instruction, grading of papers and note books, and the planning of high school courses. The following courses are suggested for Zoology: Biology 1, 2, 3, 8, 20; for Botany: Biology 20, 21, 22, 23. For work suited to the needs of the pre-medics, the following are recommended: Biology 1, 2, 4, 5.

1. **General Zoology.—**
Biological principles as illustrated by animals. Representatives of the phyla of the invertebrates are studied with reference to structure, functions and relation to environment. Work is done in laboratory on the typical forms.
First semester, three credits.

2. **Vertebrate Anatomy.—**
Comparative anatomy and classification of vertebrates. One representative of each class is studied in the laboratory.
Prerequisite, course 1, second semester, three credits.

3. **Human Biology.—**
Lectures, recitations and demonstrations on the structure and functions of the human body. Extensive use is made of anatomical charts and models. Attention is given also to personal hygiene.
Prerequisite, course 1, second semester, three credits.

4. **Vertebrate Embryology.—**
A study of the development of the frog, the chick and the pig.
Prerequisite, course 2, first semester, three credits. Not offered 1920-21.

5. **Vertebrate Histology.—**
An elementary study of the microscopic structure of the tissues and organs of vertebrates. Methods of preparing material for study.
Prerequisite, course 2, first semester, three credits.

6. Entomology.—
The structure, life histories and economic importance of the principal groups of insects. Field work required.

Prerequisite, course 1, second semester, three credits.

7. History and Theory of Biology.—
A study of the lines and work of the more important men who have shaped biological thot. A discussion of some of the theories of evolution and heredity.

Prerequisite, course 1, second semester, two or three credits.

8. Bacteria in Relation to Disease and Sanitation.—
This is a course of lectures suited to the general or special student who desires to have an intelligent idea of the cause and prevention of some of the important diseases.

Prerequisite, course 1, first semester, 1 credit.

19. Individual Course.—
Advanced students may, with the approval of the head of the department, take up lines of work not covered in the regular courses. Such work will consist of laboratory exercises and assigned readings.

First or second semester, or one year. Two or four credits.

20. Teacher's Course.—
For those who intend to teach biology in high schools. Practical work given in the laboratory. Conferences on methods of teaching and reviews of text books. Credit cannot be given for one semester's work.

Prerequisite, courses 1, 2, 21, 22. One year, four credits.

21. General Botany.—
A study of the principles of biology as illustrated by the plant. The main topics treated are living matter, cellular organization, general structure, physiology and reproduction of the larger groups.

First semester, three credits.

22. The Flowering Plants.—
Lectures and recitations on the structure, adaptation and classification of the higher plants. Laboratory work on vascular tissues and flower structure and analysis. In the spring a study will be made of the trees and flowers of the region.

Prerequisite, course 21, second semester, three credits.

23. Cryptogamic Botany.—
This course deals with the lower forms of plant life in their relation to each other. Emphasis is placed upon those forms that are of economic importance, such as bacteria, yeasts and the fungi that cause plant diseases.

Prerequisite, course 22. First semester, three credits. Not offered 1920-21.

Chemistry

PROFESSOR JONES

1. General Inorganic Chemistry.—
The course includes a thoro study of the principal elements and their compounds, their occurrence in nature, preparation in the laboratory, etc.; also an introduction to the study of qualitative analysis.

One year, seven hours a week, eight credits. Six credits will be allowed seniors taking this course.

This course counts four credits toward a major or minor if the student's grade is B or better.

2. Advanced Inorganic Chemistry.—
This is a continuation of course 1, with an introduction to physical chemistry.

Prerequisite, course 1. One year, six hours a week, six credits.

3. Qualitative Analysis.—
Lecture and laboratory work, including the detection and separation of the metals and the identification of the acids. The last few weeks of the year are spent in the analysis of specimens of rock and earth. Instead of this, the student may make a study of materials used as paint pigments and the methods used in paint analysis.

Prerequisite, course 1. One year six or eight hours a week, six or eight credits; or second semester, twelve hours a week, six credits.

4. Quantitative Analysis.—
Lecture and laboratory work. This includes an introduction to the gravimetric and volumetric analysis and a study of the methods of determination of atomic weights.

Prerequisite, courses 1 and 3. One year, six or eight hours a week, six or eight credits.

5. Organic Chemistry.—
A course of lectures on organic chemistry, including a study of the aliphatic and aromatic compounds. The chemistry of foods, oils, explosives, etc., is considered. Some of the important compounds are prepared before the class. A laboratory fee of one dollar is charged, except when course 6 is also taken.

Prerequisite, course 1. One year, three hours a week, four credits.

6. Laboratory Course in Organic Chemistry.—
To be taken with or upon completion of course 5. Organic compounds are prepared and studied. Quantitative results are expected. This course should be taken with course 5, when possible.

One year, six hours a week, four credits.

7. Advanced Organic Chemistry and Qualitative Organic Analysis.—
This course is a continuation of courses 5 and 6. The detection of common food adulterants will receive attention.

Prerequisite, courses 1, 2, 3, 5 and 6. One year, six hours a week, six credits.

8. Food Analysis.—
Milk and butter analyses receive special attention.

Prerequisite, courses 1, 3 and 4. One year, six hours a week, four credits, or one semester, twelve hours a week, four credits.

9. Water Analysis.—

Prerequisite, courses 1, 3 and 4. One semester, six hours a week, three credits.

10. Teachers' Course.—
This course is designed for those who intend to teach chemistry. They are given practical work in the laboratories, instructing students beginning chemistry, preparing solutions, etc. A course of lectures is given on the teaching of chemistry.

Prerequisite, courses 1 and 3. One year, three or six hours a week, two or four credits. No fee is charged.
Credits not counted toward a major or minor.

11. Chemistry of Foods.—
A lecture course on foods, their sources, values and conservation.

Second semester, two hours a week, two credits.

Education

PROFESSOR ANDERSON

1. Principles of Teaching.—
A course in teaching for prospective teachers in secondary schools. The course includes the physical and mental characteristics of the adolescent pupil; the cultivation of proper methods of study on the part of the pupil; the general methods of teaching with illustrative applications. Instruction is by means of text-book, lectures, collateral readings, quizzes. Reports on

visits and observations in the city schools are required. Each student in this class must present, not later than June the first, a complete set of plans for twenty consecutive lessons in an approved subject.

Prerequisite, twenty-four credits. First semester, three hours a week, three credits. Students taking this course are advised to register at the same time for Philosophy 1, unless they have already obtained credit in that course. Required for faculty recommendation for teaching.

2. **Administration and Management.—**
This course opens with a preliminary sketch of the origin of our school system. Then follows a study of the organization and administration of our schools. Attention will be given in particular to the secondary school system. Here are included the rise and growth of high-schools, their purposes, kinds, curricula, etc. The course concludes with a discussion of the problems of class management.

Prerequisite, twenty-four credits. Second semester, three hours a week, three credits.

3. **History of Education.—**
A general course in the history of education. It includes ancient oriental education, education in Greece and Rome, and through the medieval times. A fuller treatment is accorded the educational movements from the Renaissance to the present. The purpose is not only the possession of the facts, but also the application of them to the interpretation of present theory and practise. Students taking this course are advised to take a course in European history, if they have not already done so. Instruction is by means of text-books, lectures, and collateral readings.

Prerequisite, twenty-four credits. First semester, three hours a week, three credits.

4. **Present Systems and the Philosophy of Education.—**
This course takes up the work where the previous course leaves off, with a study of some modern educational systems. Chief attention is given to a study of the British, German and French systems in comparison with our own. Each student is required to make a study of some phase of foreign education and prepare a careful written report on it. The study of the modern systems is then used as a basis for a consideration of the aims of education immediate and remote. The student is encouraged to formulate to some extent his own philosophy of education.

Prerequisite, course 3. Second semester, three hours a week, three credits.

For further courses in Education, see the various departments of instruction in the college; and, further, all courses in the department of Mental Sciences and Philosophy.

The following courses are included in this department:—

Biology 20
Chemistry 10
English 11
French 7
German 11
History 10, 11, 16
Latin 16
Mathematics 7
Applied Mechanics 2
Physics 5
Religious Education 8

The work in practice teaching is given in connection with the courses in teaching in the various departments, as given above, and is in the care of the heads of those departments.

English

PROFESSORS JOHNSON, CLARK, WHITRIDGE, HALL AND MCRAE

This department offers a major in English Literature and a minor in Expression or English Composition. Courses offered as English Composition may be counted toward a major in English Literature.

1. Composition and Public Speaking

PROFESSORS CLARK, HALL, MCRAE AND MRS. SHERO

1. Composition.— PROFESSORS CLARK, HALL, MCRAE AND MRS. SHERO

This course is required of all freshmen. Its purpose is to give the student practice in speaking and writing and to lay a foundation for future work in English. Descriptive and narrative writing are studied the first semester, and expository writing the second semester.

Students who are deficient in punctuation, spelling and sentence structure are required to make up these deficiencies in a separate course for which no college credit is given.

One year, three hours a week, six credits.

2. Expository Writing.— PROFESSOR CLARK

Attention will be given to the organization and presentation of material, but the chief emphasis will be placed upon the development of the sources of originality of the student himself. The best work will be published in the Gateway Magazine

Second semester, two hours a week, two credits.

3. **Short Story Writing.**— PROFESSOR CLARK
This course is designed for those who wish to attempt advanced work in narrative writing. The best stories written in this course will be published in the Gateway Magazine.

First semester, two hours a week, two credits.

4. **Newspaper Writing.**— PROFESSOR CLARK
(a) Introductory Course—This course introduces beginners to the theory and practice of journalism. Members of the class are required to write regularly for the Mac Weekly, and the best books on journalism furnish materials for reports made by students to the class. This course may be elected for either or both semesters.

One year, one hour a week, two credits.

(b) Advanced Course—Some of the larger problems of metropolitan and rural journalism will be studied and opportunities for practice in both fields will be granted members of the class. A miniature press bureau will be conducted as a part of the laboratory equipment of this class. Editor J. S. McLain of the Minneapolis Tribune will be consulted in the planning of the course, and whenever the size of the class warrants it, lectures will be given by editors and reporters of the Twin City papers.

One year, one hour a week, two credits.
All new students who wish appointment to the Mac Weekly staff must register for this course.

5. **Seminar in Advanced Composition.**— PROFESSOR CLARK
This course is designed for those who have done or wish to do some original writing outside of the regular class room work. No student should enroll for this course until he has consulted with the instructor.

Prerequisite, fifty-four credits. One semester, one hour a week, one credit.

6. **Play Writing.**— PROFESSOR CLARK
A careful study will be made of the methods of the great dramatists, and the chief problems of playwriting will be discussed in class. Each student will be required to write an original one-act play, or to dramatize a novel. Those who are interested in continuing the work may take one hour seminar work, the second semester, in conjunction with Expression B and C in putting on the plays written the first semester.

First semester, three hours a week, three credits.

7. Public Speaking.— PROFESSOR CLARK

The object of this course is to correct a student's faults in public speaking and enable him to present a message effectively from the platform.

First semester, two hours a week, two credits.

8. Argumentation and Debate.— PROFESSOR CLARK

A study and analysis of great debates by Calhoun, Webster, Lincoln and others. Abundance of practice is given in drawing up of briefs and in actual debating.

Prerequisite, twenty-four credits. Second semester, two hours a week two credits.

9. Extemporaneous Speaking.— PROFESSOR CLARK

The object of this course is the development of a natural, direct and effective manner of speaking. Weekly extemporaneous speeches, thoroly outlined, are required of the class and also one long written address suitable for public presentation.

Prerequisite, twenty-four credits. Second semester, two hours a week, two credits.

10. Seminar in Debating and Oratory.—

Open to those who represent the college in intercollegiate debates and in the state oratorical contest.

One semester, two hours a week, two credits.

Students interested in debate and oratory will find it helpful to take Mental Science 3 (Logic) and courses in Expression and Economics.

11. Teachers' Course.— PROFESSOR CLARK

This course is designed to prepare students to teach English in secondary schools. The work consists of lectures, reports and actual practice teaching.

First semester, two hours recitation, two hours practice work, three credits.

13. English Philology.—

Second semester, three hours a week, three credits.

15. World Masterpieces.— PROFESSOR CLARK

The course consists of an intensive study of the Book of Job, Homer's Odyssey, Dante's Inferno, Shakespeare's Othello, and Goethe's Faust.

Prerequisite, 54 credits. One year, three hours a week, six credits. Not offered 1920-1921.

2. English Language and Literature

PROFESSOR JOHNSON

22. American Literature.—
Lectures and critical reading of selected authors; themes on assigned reading.

Prerequisite, course 1. One year, three hours a week, six credits. Not offered 1920-1921.

23. Old English.—
A study of the language, and reading of selections from the Old English Chronicle, King Alfred, Aelfric and the simpler poetry; Beowulf.

Prerequisite, course 1. One year, three hours a week, six credits.

24. English Literature.—
The aim of this course is to emphasize the main facts in the development of English literature from the seventh century until about 1600. Chaucer and Spenser are extensively read and discussed.

Prerequisite, course 1. One year, three hours a week, six credits. Not offered 1920-1921.

25. English Literature.—
Shakespeare and Milton.

One year, three hours a week, six credits.

26. The Drama in England.—
Special attention will be given to the writings of the minor dramatists of the Elizabethan period. While the course deals chiefly with the English drama, attention will be given to other literatures.

Prerequisite, courses 1, 24 and 25. One year, three hours a week, six credits.

27. History of Literary Criticism.—
A study of the principles governing literary composition.

Prerequisite, courses 1 and 24. First semester, three hours a week, three credits.

28. Browning and Tennyson.—
A comparative study.

Prerequisite, courses 1, 24 and 27. Second semester, three hours a week, three credits.

29. The English Novel.—

Its rise and development.

Prerequisite, courses 1 and 24. One year, three hours a week, six credits. Alternate for course 26. Not offered 1920-1921.

Any of the above courses may be elected by the semester.

3. Expression

ADJUNCT PROFESSOR WHITRIDGE

A. Elocution and Voice Training.—

1. Theory. The principles underlying the art of expression and literary interpretation.

2. Practice. Deep breathing. Correction of voice faults and mannerisms. Factors of expression. Analysis and interpretation of the classics. Reading and speaking.

One year, three hours a week, four credits.

B. Literary and Dramatic Interpretation.—

Pantomime. Adaptation of the short story and play for platform work. Story telling. Scenes and original presentations.

Prerequisite, course A. One year, two hours a week, four credits.

C. Shakespeare and Modern Drama.—

Analysis and presentation.

Prerequisite, courses A and B. One year, two hours a week, four credits.

Geology

PROFESSOR ALEXANDER

1. General.—

A general study of the forces at work within and upon the surface of the earth, the structural forms which these forces have produced and the history of the earth and the life upon it. Illustrated lectures combined with recitations and quizzes upon text work assigned. Field work for the study of local geology.

One year, three hours a week, six credits.

2. Mineralogy.—

A short course in mineralogy including a brief study of crystal forms and practical methods for the identification of the common minerals.

Prerequisite, Chemistry 1. First semester, three hours a week, three credits.

3. Fossil Biology.—
A short course in fossil biology. This includes a study of the methods used for collecting, identifying and interpreting fossil forms and their life relationship.

Prerequisite, elementary biology or geology 1. Second semester, three hours a week, three credits.

Greek

PROFESSOR HALL

Course 1a is not counted toward a major.

1a. Grammar.—
A study of the elements of the language. Drill in form, vocabulary, syntax and composition. Readings from Xenophon's Anabasis.

One year, five hours a week, ten credits.

1. Xenophon or Lucian.—
The Hellenica, Books I and II, with discussion of the earlier stages of the Peloponnesian war; or Lucian's Charon or Timon and selected short dialogues, with a survey of the literary and social conditions of the age.

First semester, four hours a week, four credits.

2. Homer or Herodotus.—
The Iliad, Books I-IV in literary and grammatical study; or Herodotus, stories, and selections from Book VII, with a careful consideration of accidence and syntax, of the Ionic dialect.

Second semester, four hours a week, four credits.

3. Athenian Orators.—
Selected orations of Lysias and Demosthenes. Theme work on Isaeus, Isocrates and others. Athenian legal procedure.

Prerequisite, course 2. First semester, three hours a week, three credits.

4. Plato.—
The Apology and Crito. Socrates and his teachings, with readings from Xenophon's Memorabilia.

Prerequisite, course 2. Second semester, three hours a week, three credits.

5. The Drama.—
Selected plays of Aeschylus or Euripides and Aristophanes. Rise and development of tragedy and comedy. The Greek theater and production of plays.

Prerequisite, courses 1, 2, 3 and 4. First semester, three hours a week, three credits.

6. English Course in Greek Literature.—
Studies in the elegiac, lyric and dramatic poets of Greece, for students having no knowledge of Greek.

Prerequisite, twenty-four credits. First semester, two hours a week, two credits.

7. The Odyssey.—
Selections from Books I-XII. Sight reading. Literary study of the whole poem from the English translations of Palmer and of Butcher and Lang.

Prerequisite, courses 1, 2, 3 and 4. Second semester, three hours a week, three credits.

8. Lyric Poetry.—
Selections from the elegiac and lyric poets.

Prerequisite, courses 1, 2, 3 and 4. Second semester, two hours a week, two credits.

9. The Greek Testament.—
This course is intended not only for candidates for the ministry but for any who have studied classical Greek and who wish to acquire a reading knowledge of the New Testament in the original Greek. The aim is to master a good working vocabulary, the main characteristics of New Testament Greek and to get some practice in Greek exegesis.

Prerequisite, Greek 1. One year, two hours a week, four credits.

10. Classic Mythology.—
A study of the more important myths of Greece and Rome with special attention to their use in English literature.

Second semester, two hours a week, two credits.

History

PROFESSORS FUNK, MCRAE AND MISS BRIGGS

Students who major in this department ordinarily will be required to take courses 1, 2, 5 and 6. Courses 1, 5 and 6 are open to freshmen. If taken by juniors or seniors they will count for only two credits a semester. Students choosing history as a minor are

recommended to pursue courses 5, 6, 9 and 14. Those majoring in this department will be expected to secure at least eighteen credits in related subjects, such as economics, sociology, political science, and the history of philosophy.

1. **Early European History and the Middle Ages.—** PROFESSOR MCRAE

This course covers a resume of Roman imperial institutions, society and culture, the origin and racial characteristics of European peoples, the beginnings and growth of the church and extends to about 1450. Lectures, text, collateral reading form the basis of the work.

One year, three hours a week, six credits.

2. **English Political and Constitutional History.—** PROFESSOR MCRAE

This is a study of the political and constitutional development of England to 1660. Some attention will likewise be paid to social and economic development.

One year, three hours a week, six credits.

3. **The Renaissance and the Reformation.—** PROFESSOR FUNK

This course covers the period from 1300 to 1648. The greater part of the first semester is devoted to the Renaissance and the remainder of the year is given to the Reformation. Topical reports and a thesis are required.

One year, three hours a week, six credits.

4. **The French Revolution.—**

In this course the causes bringing about the fall of the Bourbons, the revolution proper and the Napoleonic era are studied.

First semester, three hours a week, three credits.

5. **American History.—** PROFESSOR FUNK

1787-1850. This course is a study of the making of the constitution, the organization of the government, formation of political parties, economic and territorial expansion and the growth of national consciousness and power. Text book, lectures and collateral reading.

First semester, three hours a week, three credits.

6. **American History.—** PROFESSOR FUNK

1850-1918. In this course are studied the forces which brot about the division and reunion of the nation, the period of

reconstruction, and those economic, social and political events that have characterized our recent history. This is a continuation of History 5.

Second semester, three hours a week, three credits.

7. **American Colonial History.—**
Beginning with a background study of European conditions leading to the discovery of America, the voyages and explorations, the settlements in the colonies, this course aims to trace the development of those institutions and forces which led to American independence, and ends with a careful study of the Revolution.

First semester, three hours a week, three credits.

8. **The Westward Movement.—** PROFESSOR FUNK
This is a study of the westward extension of the United States and of the economic and political development resulting from this expansion.

Prerequisite, course 7, or courses 5 and 6. First semester, three hours a week, three credits.

9. **Modern European History.—** PROFESSOR FUNK
From 1815 to the present time. Special attention is devoted to the establishment of constitutional governments and the industrial evolution of this period.

One year, three hours a week, six credits.

10. **History of Rome.—**
A systematic study of the social and political development of the Roman nation and the causes of its downfall. Course will consist of text-book work, collateral reading and lectures. Recommended to those intending to teach Latin and History.

One year, three hours a week, six credits.

11. **History of Greece.—**
A study of the political and social development of the Greek states to the time of their incorporation into the Roman Empire. Special attention will be given to the permanent influence of Greek civilization. Text-book work, reading, lectures.

One year, three hours a week, six credits.

12. **History of Fine Arts.—** MISS BRIGGS
A study of the development of architecture, sculpture and painting thru the various periods of ancient, medieval and

modern art. An effort is made to familiarize the student with the great masterpieces by means of photographs, stereopticon lectures and visits to the art galleries in St. Paul and Minneapolis.

One year, two hours a week, four credits.

13. History of American Diplomacy.— PROFESSOR FUNK

This is a chronological survey of the relation of the United States to foreign countries from 1776 to the present time. Text book, lectures and collateral reading.

Second semester, three hours a week, three credits.

15. English, Social and Political History from 1660 to the Present.— PROFESSOR MCRAE

Special attention will be paid to the development of the cabinet and parliamentary system and the expansion of English world policies.

Second semester, three hours a week, three credits.

16. Historical Method.— PROFESSOR FUNK

This course is a study of the history of history, the development of a scientific historical method. When taken in conjunction with History 10 or 11 it gives six credits in Education.

One year, three hours a week, six credits.

Home Making

ADJUNCT PROFESSOR WHITRIDGE

3. The House.—

(a) Evolution of the modern home from primitive conditions. Its object. Selection of site with regard to climate, soil, drainage and neighborhood. Location of house with regard to exposure, light and prevailing winds. Study of house plans to meet the requirements, comfort and convenience of the family for which the house is intended. Drawing of specific plans.

(b) Household Art.—

Furnishing the house from the standpoint of good taste and economy. Value of form, color, design and materials in interior decorations. Wallpapers, carpets and curtains. History of furniture. Household management.

One year, two hours a week, four credits. Not offered 1920-1921.

4. Social Culture.—
The hospitality of the home. The forms and customs known and observed in community life.
Second semester, one hour a week, one credit.

Latin

ASSOCIATE PROFESSOR SHERO

Courses 1-2 and 17 are open without prerequisites to all students. Students who have had less than two years of Latin in high school should enter course 1-2; those who have had two or three years should enter course 3-4; those who have had four years should enter either course 5 or course 7. Courses 5 and 6 may be taken either before or after courses 7 and 8. Students who desire to be recommended by the department to teach Latin are required to have had courses 5 to 10 inclusive, and are strongly urged to take courses 11-12 and 16. Course 1-2 is not counted toward a major.

1-2. Elementary Latin.—
The content of this course corresponds to that of the first two years of high-school Latin. Elements of grammar; easy readings; selections from Caesar.
One year, five hours a week, ten credits.

3-4. Intermediate Latin.—
The content of this course corresponds to that of the third and fourth years of high-shool Latin. The choice of selections to be read is made with a view to the previous reading of the members of the class.
Prerequisite, two years of high-school Latin or course 1-2. One year, four hours a week, eight credits.

5. Livy.—
Selections from Livy's account of the Second Punic War. Review of forms and syntax.
Prerequisite, four years of high-school Latin or course 3-4. Given in alternate years. First semester, four hours a week, four credits.

6. Comedy.—
Representative plays of Plautus and Terence. Collateral work on the history of the drama and the Roman theatre.
Prerequisite, course 5. Given in alternate years. Second semester, four hours a week, four credits.

7. Cicero.—
Readings from Cicero's essays and philosophical works. Review of forms and syntax.
Prerequisite, four years of high-school Latin or course 3-4. Given in alternate years. First semester, four hours a week, four credits.

8. Horace.—

Selections from the whole of Horace's works. Special attention is paid to literary criticism and appreciation.

Prerequisite, course 7. Given in alternate years. Second semester, four hours a week, four credits.

9-10. Prose Composition and Sight Reading.—

Prerequisite, course 5 or course 7. One year, one hour a week, two credits.

11-12. Advanced Prose Composition and Sight Reading.—

Prerequisite, courses 9-10. One year, one hour a week, two credits.

13. Poets of the Republic.—

Study of the poets of the republican period with reading of extensive selections from Catullus and Lucretius.

Prerequisite, courses 5, 6, 7 and 8. Given in alternate years. First semester, three hours a week, three credits.

14. Writers of the Silver Age.—

Study of the literature of the Silver Age with reading of selections from the more important authors, especially Tacitus and Juvenal.

Prerequisite, courses 5, 6, 7 and 8. Given in alternate years. Second semester, three hours a week, three credits.

15. History of Latin Literature.—

Lectures on the lives and writings of the important Latin authors, with extensive collateral reading in their works.

Prerequisite, courses 5, 6, 7 and 8. Given in alternate years. First semester, one hour a week, one credit.

16. Teachers' Course.—

Consideration of problems pertaining to the teaching of high-school Latin. The course is conducted by means of lectures and collateral reading.

Prerequisite, courses 5, 6, 7 and 8. Given in alternate years. Second semester, three hours a week, three credits.

17. Roman Civilization and Its Survivals in the Modern World.—

Illustrated lectures on the geography of the Roman world, the topography of Rome, Roman architecture, art, commerce, political institutions, law and religion, and the influence of these phases of Roman life on modern civilization. No knowledge of Latin is required.

Given in alternate years. First semester, two hours a week, two credits.

Mathematics and Astronomy

PROFESSOR KINGERY

Courses 1a and 9 are not counted toward a major or minor.

1a. Solid Geometry, Algebra and Trigonometry.—
This course is for those who present only two units in high-school mathematics.
One year, four hours a week, eight credits.

1. College Algebra.—
Graphic representation of functions, ratio and proportion, variation, theory of quadratics, progressions, series, etc.
First semester, four hours a week, four credits.

2. Trigonometry and Analytic Geometry.—
Definitions of trigonometric functions, development of formulae and their application to the solution of problems, plane and spherical. This is followed by a brief course in analytic geometry, sufficient for elementary courses in physics and astronomy.
Second semester, four hours a week, four credits.

3. Analytic Geometry.—
This is a continuation of course 2. Equations of straight lines and the principal curves and their tangents are discussed by both rectilinear and polar co-ordinates.
Prerequisite, course 2. First semester, four hours a week, four credits.

4. Differential and Integral Calculus.—
A brief study of the principles of differential calculus based on theory of limits, followed by a short course in integral calculus.
Prerequisite, course 3. Second semester, four hours a week, four credits.

5. Advanced Calculus.—
Continuation of course 4.
One year, three hours a week, six credits.

6. Surveying.—
Prerequisite, course 2. Second semester, three hours a week, three credits.

7. Advanced Algebra and Geometry.—
Intended especially for those preparing to teach.
Prerequisite, course 1. One year, three hours a week, six credits.

8. Astronomy.—
Text-book, lectures and practical work with sextant, transit and clock.
Prerequisite, course 2. One year, five hours a week, six credits.

9. Mechanical Drawing.—

A course designed for those taking shop work or preparing for technical schools.

One year, four hours a week, two credits.

11. Mathematics of Accountancy.—

One semester, two hours a week, two credits.

The Mental Sciences and Philosophy

PROFESSOR ANDERSON

1. Psychology.—

An introductory course covering the main features of normal human psychology:

(1) A brief introduction in experimental work, intended to accustom the student to introspective study and to give him an insight into the methods of modern psychological investigation.

(2) A survey of the more prominent aspects of the conscious life. This part opens with a synopsis of the nervous mechanism and is followed by a consideration of the sensations, perceptions, affections, memories, judgments, etc. The work is carried on by means of text-books, collateral readings, lectures, observations by the student, and experiment. Required in all courses.

First semester, three hours a week, three credits.

2. Ethics.—

This course begins with an historical sketch of ethical theories and of the conceptions of life that have been held. Next, the psychological facts and the philosophy of ethics are investigated in order to gain an adequate basis for ethical theory. Finally, the problems of practical ethics are taken, particular consideration being given to certain of them, which are now occupying the thoughts of men. The attempt is made in this course to develop a system of thought that does justice to Christian motive and doctrine and is, at the same time, based upon a proper scientific and philosophical basis. Required in all courses.

Prerequisite, course 1. Second semester, three hours a week, three credits.

3. Logic and Scientific Method.—

This is a study of the instruments of thought and investigation and of the methods and tests of proof. Aside from the culture aspect of the study, it is of interest to the student of

science, as elucidating the procedure of science; it is of interest to the student of oratory and literature, as forming the basis of all plans and methods of procedure in exposition and argumentation; it is of value to the teacher, since it furnishes the analysis of teaching methods from the content side, just as psychology does from the conscious side. In order to make this discipline as valuable as possible, logical definition and division receive attention, and their relation to literary work is shown. Much attention is given to fallacies and the analysis of fallacious reasoning. The use of hypothesis, analogy and probability, and the methods of scientific experiment and verification are explained and illustrated. Thruout extensive use is made of practical exercises in order to fix principles and develop ability to use them.

Prerequisite, twenty-four credits. One year, two hours a week, one of which is used as a laboratory hour; three credits.

4. **Advanced Psychology.—**
The first part of this course requires a more thoro survey of the ground covered in course 1. The second part is a brief study of social and child psychology. This prepares the way for the third part of the course, the application of psychology to the problems of the day, chiefly those of education.

Prerequisite, course 1. One year, three hours a week, six credits.

5. **Advanced Logic and Scientific Method.—**
A course covering the same general ground as course 2, but much more thoroly. It consists of two parts:—

(1) Formal logic, with a closer study of logical theory and concepts, modal propositions, etc. With it will be given a brief course of lectures on genetic logic.

(2) Scientific method. A more complete study of the methods of science, including statistics, probability, etc. As a part of this course will be included a brief course of lectures on the history of science.

Collateral readings are required on the methods and aims of science as stated by distinguished men of science themselves.

Prerequisite, course 2. One year, two hours a week, four credits.

Philosophy seeks a consistent view of the world and of life; it seeks the meaning to life and reality. It is cultural in character; it would correct the one-sidedness of the mere specialist

and correlate the results of general study. The four courses in philosophy which follow are arranged in two pairs offered in alternate years. The student may begin with either pair.

10. History of Philosophy, Ancient and Medieval.—
Beginning with the early Greeks, this course follows the course of philosophic thought down to the period of Bruno, with the purpose of noting the development and relationships of the chief philosophical concepts. Attention is concentrated upon the leading thinkers and on the movement of thought. Collateral readings in Plato and Aristotle are required.

Prerequisite, fifty-four credits, unless by the approval of the instructor. First semester, three hours, three credits.

11. History of Philosophy, Modern.—
Continuing the preceding: from Bruno to the present time. Constant use of Rand's classical Modern Philosophers is made for collateral reading.

Prerequisite, seventy credits, unless by the approval of the instructor. Second semester, three hours, three credits.

12. Modern Philosophy.—
(a) Introduction to Philosophy. The purpose is to bring before the student the chief problems of philosophy, to exhibit in outline the courses of argument by which various views are supported, and to formulate some positive views respecting the problems of the world that confront us.
(b) The latter part of the semester will be given to the study of some modern thought movement. Next year it will consist of a study of Pragmatism, as formulated by James and others.

Prerequisite, sixty credits, unless with the approval of the instructor. First semester, three hours, three credits. Not offered 1920-1921.

13. Modern Philosophy (continued).—
The course here offered will take up one or more of the most important modern systems of thought. It will be both expository and critical. Next year the work offered will be in the philosophies of Eucken and Bergson. The course will require collateral readings and comparative studies in other philosophers.

Prerequisite, course 12. Second semester, three hours a week, three credits. Not offered 1920-1921.

Modern Languages

ASSOCIATE PROFESSOR PASMORE AND ADJUNCT PROFESSOR CHALFANT

German

ADJUNCT PROFESSOR CHALFANT

1-2. Elementary German.—
Essentials of grammar, reading, conversation. This course is intended for students who have had no German.

One year, five hours a week, ten credits.

3. Intermediate German.—
Reading of prose and the easier dramas of Schiller and Lessing. Review of grammar; composition; conversation.

Prerequisite, course 1-2 or two years of high school German. One year four hours a week, eight credits.

4. Modern Prose and Drama.—
General reading course.

Prerequisite, courses 1-2 and 3 if the language was begun in college. Those presenting three years of high school German may either elect this course or one of courses 5, 6, 7, 12. One year, three hours a week, six credits.

5. Reading of selections from the epic in a modern German translation, followed by a rapid reading of Wagner's Der Ring der Nibelungen. Lectures on the interpretation of the mythology of both.

Second semester, three hours a week, three credits.

6. Survey of German Literature.—
A general survey course up to the classic period; readings and reports.

One semester, three hours a week, three credits.

7. Lessing.—
A brief study of his life and times and the reading of at least two of his important works.

First semester, three hours a week, three credits.

8. Schiller.—
A rapid survey of his life and the reading of several of his dramas and his most important poems.

Second semester, three hours a week, three credits.

9-10. Goethe.—

His life, especially as reflected in his works; the reading of several of his dramas and most important of his philosophic poems and lyrics. (First semester.)

Faust, First Part and selections from the Second Part. (Second semester.)

One year, three hours a week, six credits. Junior or senior year. Courses 7 and 8 should precede.

11. Composition and Teachers' Course.—

Advanced syntax and practical composition; conversation. In the second semester a sufficient amount of time will be devoted to methods of teaching, text books, phonetics, etc. Required of all those who desire to teach German; with others optional.

One year, three hours a week, six credits. Senior year preferred.

12. German Poetry.—

This course deals only slightly with the theory of poetry; its main emphasis is upon the actual reading of the best German poetry.

First semester, three hours a week, three credits.

13. Medical German.—

Readings from general works on physiology, anatomy and bacteriology.

One year, three hours a week, six credits.

French

ASSOCIATE PROFESSOR PASMORE AND ADJUNCT PROFESSOR CHALFANT

1-2. Elementary French.—

Essentials of grammar, conversation, reading of easy texts, memorization of a few short poems, and dictation. This course is intended for those who have had no French.

One year, four hours a week, eight credits.

3. French Readings.—

Brief review of French grammar. Composition, conversation, and the reading of a number of nineteenth century French texts.

Prerequisite, course 1-2 or two years of high school French. One year, three hours a week, six credits.

4. Survey of French Literature.—

A course based on some elementary history of French literature like Pellissier's or Doumic's, with readings of extracts and a

few entire works from the most important French writers. Lectures, outside readings, and reports.

Prerequisite, course 3 or an equivalent. One year, three hours a week, six credits.

5. French Novel.—

A brief survey of French fiction from the beginning, and special attention to French romances and novels from the seventeenth century on. Text used, Morrillot's Le Roman en France. Lectures, outside readings, reports.

Prerequisite, course 4. One year, three hours a week, six credits.

6. French Drama.—

A course based on Petit de Julleville's Le Theatre en France. Lectures, outside readings, reports.

Prerequisite, course 4. One year, three hours a week, six credits.

7. Teachers' Course.—

Phonetics, advanced grammar, practical composition and conversation. Discussion of texts, reference books, journals, etc., and methods of teaching. Required of all who wish to teach French; optional with others. This course should be taken in the senior year.

One year, three hours a week, six credits.

8. French Poetry.—

A study of prominent works of important French poets, and of French songs, combined with a brief treatment of French verse structure. Lectures, readings, reports.

Prerequisite, course 3 or an equivalent. One year, three hours a week, six credits.

9. French Classics.—

Study and discussion of masterpieces of French literature from the seventeenth century on, of one or more writers of each century. Lectures, readings, reports.

Prerequisite, course 4 or an equivalent. One year, three hours a week, six credits.

A major in French requires continuous work in the language thruout the college course, unless French is presented upon entrance. It is highly desirable that Latin be presented as a basis for French.

Spanish

ADJUNCT PROFESSOR CHALFANT

1. Elementary Spanish.—

Grammar, composition, conversation, reading.

One year, four hours a week, eight credits.

2. Intermediate Spanish.—
Conversation, composition and readings based largely upon Latin American literature. Business correspondence, reports from Spanish periodicals, etc.

One year, three hours a week, six credits.

3. The Modern Spanish Novel.—
Reproductions and reports.

One year, three hours a week, six credits.

It is very desirable that students electing Spanish shall have had Latin at least, and, if possible, French.

Spanish may be applied toward a major in French.

Music

MR. PHILLIPS, MR. FAIRCLOUGH, MISS KAY AND MISS BRIGGS

Music may be chosen as a major or minor. The maximum number of credits permitted in such work is thirty-two. Not more than eight credits in practical music (voice, organ, piano, violin), will be allowed upon recommendation of the faculty of the Conservatory of Music after a sufficient amount of harmony (usually two years) has been completed. Of the twenty credits required for a major, eight credits in harmony and two credits in Physics 6 must be obtained. Of the twelve credits required for a minor, six must be obtained in theoretical music; and of these two in harmony and two in appreciation are required.

The special fees for courses in music must be paid by the student except in courses 1, 7, 9 and 10.

1. Elementary Harmony.—
The work of this year will include all triads, seventh chords, cadences, modulation and suspensions.

One year, two hours a week, four credits.

2. Advanced Harmony.—
This is a continuation of the first year's study for greater proficiency in the use of the material. The student will compose and have a great deal of practice in transposing pieces heard but once. Memorizing will be an important feature of the work.

One year, two hours a week, four credits.

3. Counterpoint.—
Simple counterpoint beginning with two, three and four-part writing in one, two, three and four notes against one is studied first, followed by syncopated and florid counterpoint with special stress on the latter used in three and four parts.

First semester, two hours a week, two credits.

4. Elementary Composition.—
This course is an introduction to the art of composition, with original work in the simpler forms, instrumental and vocal. Facility and clearness in the use of original musical ideas expressed through modern harmony and counterpoint are sought. The student is expected to accomplish work of sufficient merit for public performance.

Second semester, two hours a week, two credits.

5. Composition and Orchestration.—
A course in original composition. Instrumental and vocal compositions of simple and complex forms: (a) In the strict classical forms from song to sonata in homophonic and polyphonic style; (b) In the free forms, applying modern means of harmonization, modulation and imitation; (c) Orchestration. This work must have sufficient merit for public performance.

One year, two hours a week, four credits.

6. Public School Music.—
For a detailed description of this course see Conservatory of Music.

Two years, two hours a week, eight credits.

7. History of Music.—
A study of the beginnings of music through the classical period, including the history and development of instruments. The college library has a good collection of reference works on music and our students have access to the fine collections in the public libraries of the Twin Cities.

One year, two hours a week, four credits.

8. History of Music.—
This is a continuation of Course 7, studying the development of music from the Romantic period to our own day. By means of the talking machine, records of many operas, oratorios, symphonies, songs and piano compositions are studied.

One year, two hours a week, four credits.

9. Appreciation of Music.—
This is a study of the form and meaning of music. A preliminary study of the instruments of the orchestra is given preparatory to the concerts of the Minneapolis Symphony Orchestra.

First semester, two hours a week, two credits.

10. Appreciation of Music.—
This is the continuation of Course 9 and is devoted to a thorough study of romantic and modern forms since the time of Beethoven.

Second semester, two hours a week, two credits.

11. Normal Training for Piano Teachers.—
(a) Course for advanced and senior students, who, tho good performers, are not prepared for the art of teaching.
(b) Course for young teachers requiring a more complete knowledge of modern piano teaching methods and material. See Conservatory of Music for further details.

One year, two hours a week, four credits.

Physics

PROFESSOR ALEXANDER

Course 1 is not counted toward a major.

1. Short Course.—
This is a short course which covers the entire subject in one year. Demonstrations in connection with the lectures are substituted for a considerable amount of the individual laboratory work that is done by the student in the long course, and some of the more technical features of the subject that are not of general importance are omitted. The aim is to offer a thoro year's work in the general principles of physics to those who are taking courses which will not permit them to take the regular long course in the subject. It is recommended only to those who are taking classical or literary courses, or a two-year course in preparation for some school of medicine.

Prerequisite, Mathematics, course 2. One year, six hours a week, eight credits.

2. Mechanics, Sound, Heat.—
This course includes a thoro study of mechanics, sound and heat. A large part of the time is spent in laboratory work and the student's conceptions of physical laws are developed as largely as possible from observation and experiment. About forty quantitative experiments are performed by each student in the laboratory, the aim being to afford a working knowledge of modern measuring instruments of precision and to develop

quantitative methods, as well as to discover and verify the laws of nature. Careful attention is given to the problem of the errors in measurement, the student being required in each case to consider the origin of the errors and methods for their elimination and to compute the probable errors of observations and results.

Prerequisite, Mathematics, courses 1 and 2. One year, six hours a week, eight credits.

3. Electricity and Light.—

This course includes a thoro study of electricity and light. Forty experiments are performed, thirty-five of which are in electricity, giving the student an opportunity to familiarize himself with electrical measuring instruments. The work in light includes measurements with the photometer, spectrometer and interferometer.

Prerequisite, Mathematics, courses 1 and 2. One year, six hours a week, eight credits. Not offered 1920-1921.

Courses 2 and 3 together constitute what is termed the long course in physics and are designed especially to meet the needs of students taking a scientific course. These two courses together with Physics 5 should be taken by students preparing to teach physics in secondary schools.

4. Advanced Physics.—

In this course a thoro study is made of some topic approved by the head of the department. The work is largely individual and experimental. The aim is to deepen rather than to broaden the student's knowledge of the subject and to cultivate a taste for research. Those who major in physics are required to take this course as a basis for their theses.

Prerequisite, course 2 or 3. First semester, four hours a week, two credits.

5. Laboratory Technic.—

In this course a study is made of the design, construction, operation and repair of the more elementary laboratory apparatus and of the use and manipulation of laboratory materials. The aim is to afford those students who are preparing to teach physics a practical working knowledge of the physical laboratory.

Prerequisite, course 1, 2 or 3. Second semester, four hours a week, two credits.

6. This course includes a study of the mechanics of sound, particularly wave motion, interference, resonance and quality. Also the development of the diatonic and tempered scales and the construction and theory of the common musical instruments.

One semester, three hours a week, two credits.

7. This is a lecture and demonstration course covering the most important and interesting phenomena of physics. No quantitative work is attempted that requires advanced mathematics. The aim is to lead the student to an appreciation of natural law by deductions made from qualitative observations.

One year, three hours a week, four credits.

Applied Mechanics

PROFESSOR ALEXANDER

The Department of Education of the State of Minnesota has approved the courses offered at Macalester in the department of applied mechanics, and has certified that students who have completed the work in that department are eligible to teach in the high schools of the state.

1. **Elementary Applied Mechanics.—**
This is essentially a general culture course in the applied mechanical principles. The work covers a study of the principles involved in modern methods of wood-working and the use and adjustment of wood-working tools; a study of the principles involved in working the various metals and of metal-working tools. The work in metals includes soldering, brazing, forging and the casting of brass and aluminum. For the latter work simple patterns are made in the pattern shop which, with the setting and pouring, introduces the student to the general principles underlying foundry work. The development and transmission of power, including steam and gas engines, water power, dynamos and motors is given considerable attention. The study of the mechanical principles is illustrated by practical exercises involving their application to modern methods. The object is to lead the student to an appreciation of the modern mechanical world, its methods and processes.

One year, six hours a week, six credits.

2. **Manual Training, Teachers' Course.—**
This course is designed for students who are preparing to teach manual training. It includes a short study of the history and development of the manual training idea in education; the development of a progressive set of exercises each one of which

must be executed and submitted for criticism accompanied by a paper explaining the object of the exercise, the connection with preceding exercises and the points that will appeal to the pupils' interest and stimulate creative thought; visits to manual training and other shops in the Twin Cities.

Prerequisite, course 1 or its equivalent. One year, four hours a week. four credits.

Religious Education

Bible Training

On the John C. Martin Foundation

PROFESSORS WALLACE, MCRAE AND WILLIAMS

The great importance of moral and religious training finds, in all our colleges, increasing recognition. Intellectualism alone has proved utterly inadequate for the individual, society and the nation. Knowledge and efficiency cannot safely be made the ultimate aim of education. A much more vital and important consideration is, what are the ends which knowledge and efficiency must be made to serve.

In any complete system of education the spiritual nature of man and his chief end in life must be amply recognized. The best known means for the cultivation of this nature and for the discovery of this chief end is found in Christianity, in the central figure of all history—Jesus Christ.

Every educated man and woman should have, must have, a true philosophy of life and we believe that such philosophy is found in the Christian view of God and of the word as presented in the Holy Scriptures.

For the above reasons Macalester has made large provision for the religious training of her students.

Besides its required courses for all students this department offers elective and advanced courses for students wishing to prepare themselves for other forms of Christian service besides the gospel ministry.

The church, as well as the world, has entered on the era of the laity. Christianity is girding itself for the conquest of the world. Her call for leaders and workers of all sorts is louder and more

engaging than ever before. The world is white unto the harvest and the reapers include not only preachers and evangelists but missionary teachers, missionary physicians, settlement workers, pastors' assistants, secretaries of Young Men's and Young Women's Christian Associations, trained Sunday school organizers, and lay workers generally.

To students training for any of these vocations the college offers special advantages. Open to them is instruction in many subjects essential to thoro preparation for any of the above forms of Christian activity, such as languages, science, literature, philosophy, history, ethics, sociology, elocution, music.

Courses 1, one semester, and 2 are not counted toward a major or minor.

1. The Life of Christ.— PROFESSOR WALLACE

(a) This is studied by means of a harmony of the gospels. By way of introduction, attention is directed to the political and religious condition of the time and to the characteristics and viewpoint of the gospel writers. By discriminating discussion of the teachings of Christ and a realistic presentation of the facts and incidents of His life an effort is made to deepen personal faith in Christ as the Savior of men and to bring the student into appreciation of Jesus as the master teacher of all time.

Required of freshmen, first or second semester, two hours a week, two credits.

(b) Continuation of (a).

Elective, second semester, to students having completed (a), two hours a week, two credits.

Students who are already fairly familiar with the gospels or who for any reason prefer to do so, may, in lieu of the above, take Old Testament History. See course 9.

2. The Missionary Labors of the Apostles.— PROFESSOR WALLACE

These studies are based on the Acts of the Apostles and in part on the New Testament Epistles. The external and internal growth of the early church is carefully traced and the whole movement is viewed as a continuance of the work of Christ thru the agency of the Holy Spirit and of His inspired apostles. The authorship and credibility of the Acts,

its teaching concerning Jesus, the Holy Spirit, and the organization of the early church receive special attention.

Required of sophomores, one year, one hour a week, two credits.

3. **Prophets of Israel.**— PROFESSOR WALLACE

This course consists of a thoro study of the prophets, their place in the community, their functions and their messages. It is pursued inductively from the Bible text with the object of acquainting the student as fully as possible with the foreshadowings of the Christ. All the Messianic passages are carefully analyzed with reference to their historical background and in the order of their development.

One year, two hours a week, four credits.

4. **The Literary Study of the Bible.**— PROFESSOR WALLACE

This course includes a careful study of the Bible, viewed as literature. The rhetorical characteristics of the Hebrew language and the various literary forms of the Bible are closely examined. This done, various parts of the Bible best illustrating these forms and characteristics are critically studied and drawn out in their proper literary form. As sound literary criticism is based on a thoro study of the thought and thought-connections, the literary study of the Bible proves in practice a very valuable aid to interpretation. It is for this reason, especially, that it is included in the course. Special study is made of the book of Job, certain of the Psalms and selections from the prophets.

Prerequisite, courses 1 and 2. One year, two hours a week, four credits.

6. **Inter-Testament History.**— PROFESSOR WALLACE

This course is intended (1) to trace the history of the Jews from Malachi to John the Baptist under the Persians, Greeks, Maccabees and Romans; (2) to trace the rise of the various Jewish sects. A knowledge of the outward political fortunes of the Jews, as well as the movement of Jewish thought in this period is of great importance for an intelligent understanding of the ministry of Christ and His apostles.

Prerequisite, courses 1 and 2. Second semester, two hours a week, two credits. Not offered 1920-1921.

7. **Oriental History contemporary with the Old Testament.**— PROFESSOR WALLACE

This course includes (1) a study of the history and religion of Babylonia, Assyria and Egypt; (2) the relation of this

material to the explication of Old Testament history. The course is based on the histories of Winckler, Rogers, McCurdy and others.

Prerequisite, courses 1 and 2. Second semester of alternate years, two hours a week, two credits.

8. **Biblical Pedagogy and Sunday School Work.**— PROFESSOR WALLACE

This course includes: (1) a study of Jesus as a teacher—a careful consideration of the question, What made Him the Master Teacher of all time?—His mastery of the technique of educational methods as illustrated in the four Gospels; (2) methods of Bible study, teaching and of Sunday school work; (3) the influence of Christianity on the world's education. It is based mainly on the Master and His method (Griffith-Jones), Jesus as a Teacher (Hinsdale), The Making of the Teacher (Brumbaugh), Teacher Training with the Master Teacher (Beardslie), supplemented by lectures.

Second semester of alternate years, two hours a week, two credits. Not offered 1920-1921.

9. **Review of Old Testament History.**— PROFESSOR WALLACE

This is offered in lieu of course 1 to college students who have had little or no opportunity of pursuing a consecutive study of Old Testament history before entering college. The history of Israel is pursued from the founding of the kingdom under Samuel till the fall of Jerusalem, by close consecutive study of Samuel I and II, Kings I and II, Ezra and Nehemiah.

One year, two hours a week, four credits. Elective either semester.

10a. **Apologetics.**— PROFESSOR MCRAE

A brief exposition of Christian theism. History of the presentation and defense of Christianity with special emphasis on the important episodes from the time of the early contact with Greek philosophy down to the modern adjustments with natural sciences, philosophy, sociology, and comparative religion. An analysis of the changing elements and the permanent elements in the various methods of commending the Christian religion.

First semester, three hours a week, three credits.

10b. **Comparative Religion.**— PROFESSOR MCRAE

A study of the great religious systems of the world including Hinduism, Buddhism, Zoroastrianism, Confucianism, Taoism,

Shintoism and Islam; with readings from the sources. An analysis of the elements common to these systems and Christianity, and of the elements that are peculiar to Christianity. An examination of certain modern cults that have borrowed extensively from one or more of the above systems.

Second semester, three hours a week, three credits.

11. Christianity and the State.— PROFESSOR WALLACE

The object of this course is to train the student in Christian statesmanship, to ascertain and classify the biblical principles that have to do with the functions and problems of the state, including the state's international relations, to trace the influence of these principles in the development of free institutions, to make clear the moral basis of democracy, to show that the highest statesmanship must be Christian and that this statesmanship is imperatively demanded by present world conditions and that by these alone can party platforms and public policies be soundly tested.

For practice in this kind of thinking a thoro study of the League of Nations is made in the light of history and of conditions in Europe before and after the war. This part of the subject is pursued with the aid of "The League of Nations," published by the Atlantic Monthly Press, and much collateral reading.

First semester, two hours a week, two credits.

12. International Lessons.— PROFESSOR WALLACE

A course in the International Sunday School lessons. The aim of this course is to study the setting of the lesson, make careful analysis of the materials and discuss the pedagogical teaching of the lesson.

One year, one hour a week, two credits.

13. Study of Belated Peoples.— MRS. WILLIAMS

(a). South America. Study of the continent, early races and present peoples, history of settlement, governments, languages, religions, problems of statesmen, educational and religious needs, international relationships, etc. Type of an ill-churched area. Lectures, texts and collateral reading.

First semester, two hours a week, two credits.

(b). Africa—from similar angles. Type of an un-churched area, facts of Paganism and also a study of Mohammedanism. Lectures, texts and collateral reading.

Second semester, two hours a week, two credits.

14. The Bible by Periods.— MRS. WILLIAMS

This course is a study of the Bible based on Sells' "Bible Study by Periods" and the Bible text, designed to give to the student a grasp of Bible content; the great epochs, their meanings, how and why they follow each other and their purposes; and an understanding of God's progressive plan to reveal himself to the world.

One year, two hours a week, four credits.

15. Hebrew.—

If there is sufficient demand for it, instruction will be given in the elements of Hebrew.

Other courses for which credit is given in the Bible Training Department are:—
Greek 9, Greek Testament.
Mental Science and Philosophy 2 and 11.
History 3, The Reformation Period.
Social Survey 1.
Vocation.

Equipment.—This department is equipped with

1. The Kent and Madsen wall maps.
2. The large relief map of Palestine, 8 x 5 feet, published by the Palestine Exploration Society of London.
3. The relief map of Jerusalem and its environs, 4½ x 4 feet.
4. A missionary map of the world, 5 x 9 feet.
5. A chart, 22 x 3 feet, of ancient synchronological history.
6. Religious literature embracing over one thousand volumes.
7. The Thompson Reflectoscope and Stereopticon.

Social and Political Science

PROFESSOR DAVIS

The aim of this department is to acquaint the student as far as possible with the whole field of social life and activity.

All the courses may be counted toward a major or minor except 1 and 11, which can only be counted toward a minor. Only three credits will be allowed for courses 1 or 11 if taken in the senior year.

A. Sociology

1. General Principles.—

Under this head are included the history, various theories and principles of the science. Important aims are to show the extent

of the field, to arouse an interest in the study, and to correct methods of sociological investigation.

First semester, four hours a week, four credits.

2. Modern Social Problems.—

A study of the family, growth of population, the modern city, crime, poverty, etc. Much attention will be paid to methods of social relief.

Prerequisite course 1. Second semester, three hours a week, three credits.

3. History of Socialism.—

This course will include, (1) the social views of the ancient nations; (2) the ideal republics from Plato down to the present; (3) modern socialistic schemes.

Prerequisite, course 1. Second semester, three hours a week, three credits.

4. Social Psychology.—

A study of suggestibility, instinct, feeling, sympathy, imitation, conventionality, the crowd, public opinion, etc.

Prerequisite, course 1. First semester, three hours a week, three credits Not offered 1920-1921.

8. Anthropology.—

Man, primitive and modern; race origins and development; environment; language; writings; arts of life; arts of pleasure; religion; mythology; society; beginnings of science; principles of progress.

First semester, three hours a week, three credits.

B. Economics

11. General Principles.—

A general survey is taken of the history, theories and generally accepted principles of the science. The latest edition of "Outlines of Economics," by Ely, will be used, supplemented by collateral studies in Adam Smith, Mill, Ricardo, Taussig, etc.

Second semester, four hours a week, four credits.

12. History of Economic Theory.—

This course will trace the development of economic thought in the principal nations of Europe and America, especially in relation to philosophy and conditions of environment. The histories of Haney, Ingram and Gide will be used for reference.

Prerequisite, course 11. One year, three hours a week, six credits.

13. The Industrial History of England.—
The intention of this course is to make the student acquainted with the salient features of England's industrial and commercial progress and thus prepare him for a study of the economic history of the United States. The works of Cheney, Ogg, Innes, Usher and others will be used for reference.

Prerequisite, course 11, second semester of alternate years, three hours a week, three credits.

14. Business Organization.—
A study of the evolution and nature of business organization, particularly in the United States, and of proposed solutions for the corporation and trust problems.

Prerequisite, course 11. First semester, three hours a week, three credits.

15. The Credit System.—
A study of the present forms of credit and their social and economic significance.

Prerequisite, course 11. First semester, three hours a week, three credits.

16. Elements of Bookkeeping and Accounting.—
One semester, five hours a week, three credits.

17. Economic History of the United States—
An historical study of American agriculture, commerce, transportation, industry and finance.

First semester, two hours a week, two credits.

C. Political Science

31. Elements of Political Science.—
The aim is to trace clearly the great and distinctive features in the governments of Europe and of the United States.

Prerequisite, course 1. Second semester, three hours a week, three credits.

32. The Progress of Democracy.—
A study in the historical development of democracy from the standpoint of industry, of politics, and of education.

Prerequisite, course 1. First semester, three hours a week, three credits.

33. Method and Teaching of the Social Sciences.—
The object of this course is to train the student in the methods of scientific approach and of instruction in the class-room. Analysis and discussion of representative treatises. Practical exercises by students.

Prerequisites, courses 1 and 11, second semester, three hours a week, three credits.

D. Legal Science

41. Roman Private Law.—

The object is to acquaint the student with (1) the origin and development of Roman law; (2) its relation to modern systems of State Law.

Prerequisite, course 1. First semester, three hours a week, three credits.

42. International Law.—

A brief course in the outlines of this important subject, offered to meet the increasing interest in international questions.

Prerequisite, course 1. Second semester, three hours a week, three credits. Not offered 1920-1921.

43. Elements of Jurisprudence.—

Holland's "Jurisprudence" is used. The general subjects considered are Laws and Rights, Private, Public and Adjective Law, the object being to acquaint the student with the principles of fundamental law in their historical development and their practical application to the several phases of social life.

Prerequisite, course 41. Second semester, three hours a week, three credits.

Social Service

PROFESSOR MCRAE

1. Social Survey.—

Growth of the social conscience; the field of social service; taking the initiative as a social citizen; a study of pathological conditions and processes in modern society; methods of family case work. Text book, lectures, readings, inspection trips, field work, and survey assignments—the United Charities of St. Paul co-operating.

One year, two hours a week class work and three hours a week or more field work, six or more credits.

2. Settlements.—

History, philosophy, development and spiritual significance of the settlement; neighborhood settlement activities; volunteers and their relation to settlement service; the settlement and its relation to other community organizations; settlements as an Americanizing force. Lectures, readings, participation in settlement work, friendly visiting, survey assignments—the Minneapolis Federation of Settlements cooperating.

First semester, two hours a week class work and three hours a week or more field work, three or more credits.

3. **Child Welfare.—**

The obligations of society to the child; history of child-saving movements in the United States; home life of the child, education, recreation, illegitimacy, the establishing of paternity, adoption; child labor, delinquency, mortality; courts, institutions, societies and other public agencies for the child—the Children's Bureau of the State Board of Control cooperating.

Second semester, five hours a week class work and field work, three or more credits.

Vocation

PRESIDENT BESS AND MRS. BESS

The aim of this department is to acquaint students with the elemental laws and data of vocation, modern efficiency and personal, vocational and psychological development, and to teach them how to find themselves.

1. **Vocational Fundamentals.**—The following divisions of the subject will be included in this course: (a) a survey of the general field of vocational and life development. (b) lectures and experiments in methods of study to establish the habits of work for vocation and life. (c) lectures and surveys about college life as applied to the laws of occupation and career. (d) study of vocational and life charts. (e) expository themes to study and record student traits.

First semester. Required of freshmen, two hours a week, two credits.

2. **Vocational Development.**—The following divisions of the subject will be included in this course: (a) the history of vocational guidance. (b) requirements and characteristics of various vocations. (c) lectures on the knowledge of human nature, and practical experiments in management. (d) occupational research with experimental psychology applied to vocation and personal efficiency. (e) success principles, biography and literature. Reference readings. (f) modern personal, professional, industrial, business and institutional efficiency. (g) psychological tests conducted in the department of psychology, the data to be used with students in this course. (h) estimate and gradings of general traits of students in this course by professors in all departments of the college used as

partial data for guidance. (i) personal conferences for the study of each student, and experiments to develop traits for vocational and personal fitness.

Prerequisite, twenty-four credits. One year, two hours a week, four credits.

Physical Education

(Men)

ADJUNCT PROFESSOR MCCALLUM

All men students registering for the first time are required to report to the Physical Director within two weeks from the opening of the college session for assignment to the proper work in athletics and their registration will be regarded as provisional until this requirement is met.

1. **Personal Hygiene.—**
A study of the biological and physiological aspects of the growth and development of the body. Besides taking up the general study of the hygiene of the different organs, special attention will be paid to the relation of exercise and physical training to the laws of health and physical development. A part of the time will be devoted to the study of the various corrective measures that are practical in overcoming defects in growth and improper functioning of the different organs. This is a text book course.

First semester, one hour a week, one credit on completion of course 2. Required of all men of the freshmen class.

2. **Physical Training.—**
Light apparatus, calisthenics, gymnastic games in which individuals will be given an opportunity to lead and conduct classes under supervision. Those who care to do so will be given an opportunity to take up the heavier apparatus work and tumbling. Required of freshmen and sophomores from Thanksgiving to Easter.

Two hours a week, no credit.

3. **Coaches, or Teachers' Course.—**
For those upper classmen who expect to teach and have the supervision of athletics or physical training in high schools. All of the common athletic games will be taken up with the idea of their adaptation to the needs of those of high school age.

(Women)

ADJUNCT PROFESSOR WHITRIDGE

1. Personal Hygiene.—

Short talks on the functions of the skin, the physiologic effects of water, hot and cold; bathing; care of the face; care of the hair, the hands, the feet; care of the mouth and teeth and their relation to good digestion; over-eating and intestinal indigestion; fresh air; ventilation of bedrooms; care of the ears, throat and nose; deep breathing; the foot and the shoe; dress.

2. Physical Training.—

1. Corrective exercises.—Walking, standing and sitting. Elementary work in stall bars, parallel bars, ladder and horse.
2. Folk Dancing.

Required, freshmen, one year, two hours a week, one credit.

Macalester College
Conservatory of Music

N. W. Phone, Midway 2656
Wallace Hall, Summit and Macalester Avenues

HARRY PHILLIPS
Director

MABEL R. REED
Secretary

Faculty

HARRY PHILLIPS, Mus. M., Director*
Voice Culture.

GEORGE HERBERT FAIRCLOUGH,* Mus. M.
Piano, Organ, Theory.

GEORGE KLASS*
Violin.

HELEN E. BRIGGS,*
Piano, Normal, History of Fine Arts.

ANNA D. McCLOUD*
Voice.

EMILY GRACE KAY,*
Piano, Public School, Harmony, History, Appreciation.

MARGARET HICKS,†
Piano.

LOUIS JACOBI,†
Violin.

MYRTLE WEED,†
Piano.

MABEL R. REED,†
Piano

MARGARET MOUNT,†
Assistant in Piano.

MARGARET HORN†
Violin.

J. GRANT DENT,†
Cello.

EMMA GREENE,†
Guitar, Banjo, Mandolin, Ukulele.

Leading instructors for all other instruments.
*American and European education.
†American education.

Course of Study

The Conservatory of Music offers a thoro course of instruction in voice, piano, organ, violin and other stringed instruments; also a theoretical course including harmony, counterpoint, composition, musical history and analysis. In each branch of musical study a systematic course, leading to graduation, will be pursued. Time required for completion varies—the length of course depending on the pupil's ability and intelligent devotion to work.

Entrance.—Pupils who expect to graduate must enter at the beginning of the school year. Those not wishing to graduate may enter at any time in the year.

Upon entrance pupils are examined, classified and placed in their fitting grade, by the director.

Teacher's Certificate.—Teachers' certificates will be given to all pupils who have taken the Normal course and completed the junior year in full to the satisfaction of their individual teachers.

Diploma from the Conservatory of Music.—A student, to receive a diploma, must have completed the work of the senior year in full, written a graduating thesis, given a whole or such part of a program as the director may decide upon, and taken part in the graduating program of the Conservatory of Music.

Diploma with the Degree of Bachelor of Music.—Candidates for the degree of Bachelor of Music are required to take at least fifty semester hours of strictly college work (including history of art and physical training) and at least seventy hours of music. All college entrance requirements must be met and the credits for them presented to the Registrar of the College. Exceptions to the general graduation requirements, in the case of candidates for this degree, are a requirement of eight credits in religious education and of at least two years of a modern language in college. Such as have no modern foreign language upon entering must take three years of such language in college. Students electing Voice are strongly urged to take two years each of French and German.

The following college subjects are required for this degree: English, six credits; Religious Education, eight credits; Modern Foreign Language, fourteen credits (if deficient at entrance, three years); History of Art, four credits; Physics 6, two credits. In addition to the above required credits, electives sufficient to make a total of fifty credits.

Music subjects are required as follows: Harmony, Counterpoint, Composition and Orchestration, sixteen credits; History of Music, eight credits; Appreciation, four credits. In addition to the above there are required a major of twenty credits, and a minor of twelve credits. Electives may be chosen from Voice, Organ, Piano, Violin, Public School Music, to complete the requisite number of credits.

In order to make such a course profitable, it is naturally required that the student give evidence at entrance of a sufficient preparation in some branch of music.

Special courses are offered those living in the city who do not wish to take the regular course.

Standardization of Music Teaching.—Macalester Conservatory, after thoro investigation, has adopted the Godowsky Progressive Series of Music Lessons, now being used by 4,000 educational institutions, conservatories and music teachers of America, as the standard for music credits. A number of states have placed music study, when carried on systematically, on an equal basis with the study of all other branches of learning and allow it full credit.

In 1916, the Cornell University Official Announcement stated: "Standardization of music teaching and of credits for the study of music are subjects receiving attention by the educational authorities thruout the country. It will soon be the rule, rather than the exception, to give credits toward graduation for the study of music. The Progressive Series of Piano Lessons makes possible the standardization of music teaching and solves most of the difficulties which have hitherto prevented the adoption of a system of credits for study of music."

In its editorial staff and list of contributors are assembled twenty eminent musicians and educational authorities, the greatest aggregate of musical and pedagogical intellect and talent ever gathered in a combined effort to further the cause of musical education.

The editor-in-chief is Leopold Godowsky, the renowned artist and composer, now at the very height of his powers. His improved methods of study are fully set forth in the Progressive Series. The principles of the other world "methods" are also shown. The associate editors are Edgar Stillman Kelley, one of America's foremost composers, Josef Hofmann and Emil Sauer, the famous pianists.

Godowsky himself says, "We have striven to make it an educational work in the form of a progressive and complete series, that, from both an artistic and pedagogical standpoint, would be superior to anything ever offered to the public."

Graduates will receive not only the diploma of the Conservatory, but also the certificate of the course. We wish to impress upon the parents and pupils that the use of this series will in no way interfere with either the individuality of the pupil or the particular views of any individual teacher.

Mr. Fairclough, Miss Briggs, Miss Hicks, Miss Weed, Miss Reed and Miss Mount will instruct in the Progressive Series, a valuable addition to our regular work, which has been so generously approved by the music-loving public of the Twin Cities.

The Art Publication Society which publishes the Progressive Series has arranged for an extension of the Cornell University Summer Course to be held in Minneapolis in July. Mr. E. R. Kroeger of St. Louis will be one of the leading instructors. The courses will be open to all musicians of the Northwest. For particulars address Conservatory Office.

Voice

In the department of vocal music, those methods which experience justifies as being at once effective and artistic in their results have been adopted. It is the policy to secure a systematic and thoro culture on the basis of the best methods.

Intermediate Year.—Vocalises by Sieber, Concone, and the study of songs, ballads by Larsen, Grieg, Buck, Gounod and others, make the first year's work complete.

Junior Year.—Studies in phrasing and rapid execution, German songs by Mozart, Schubert, Schumann, Liszt, Franz, Beethoven, etc., also some of the lighter selections from the operas.

Senior Year.—Oratorio in all forms, Bach, Haydn, Handel, Mendelssohn, Gounod, Verdi. Selections from the heavier operas and songs of the modern school. Frank, Wolf, Homer, Tours, Massenet, Dvorak, Ronald, Nevin, Ganz.

Every student graduating in vocal music must have at least one year of French.

Graduate Course.—Aims to develop the artistic sense to a still greater degree, according to art traditions.

Pianoforte

Individual instruction is given and the regular course calls for one hour's instruction a week, divided into two lessons of thirty minutes each. Where but one lesson a week is taken, the lesson will be forty-five minutes in length.

Preparatory.—Thoro grounding in hand, finger and arm training. Rudiments of music. Easier studies to suit capabilities of each pupil. Pupils are thoroly prepared for the entrance into the three years' course.

Intermediate.—Czerny, Velocity Studies; Bertini, Loeschorn, Heller, etc.; Bach—Little Preludes and Fugues; Sonatinas and Easy Sonatas.

Junior Year.—Czerny, Op. 740; Cramer-Bulow, Fifty Selected Studies; Heller, MacDowell, etc.; Bach, Two- or Three-Part Inventions, French Suites; Sonatas of Mozart, Haydn and Beethoven.

Senior Year.—Clementi, Tausig, Gradus ad Parnassum, Czerny, Op. 740, Chopin Etudes, Kullak Octave School, Bach's Forty-eight Preludes and Fugues; Sonatas and Concertos of Beethoven and other masters. Repertoire from classical and modern composers.

In each grade, suitable pieces will be given as the pupil is ready for them.

Postgraduate.—Advanced work. Continuation of previous year. Concertos (with second piano or orchestra accompaniments).

Violin

The violin department has become a leading feature in the musical life of all conservatories. Year by year the number of violin students is increasing. To keep pace with the demands of the time, this department of our school has been developed until today it presents exceptional advantages for the study of what is called "the most perfect musical instrument known."

The violin course is not expected to be followed strictly, nor does it claim to be complete. In the private lessons each pupil can be favored with studies which suit his or her special requirements. With the technical course a selection of compositions from the whole range of violin literature up to the present time will be used. These will be chosen from the representative composers of the different periods and schools, with the intention of giving the pupils a knowledge of the individual interpretation of each kind.

Scales, bow and finger exercises will be used as needed to meet the requirements of the various pupils.

Pipe Organ

Before beginning the study of the pipe organ the student should have had at least one year's instruction on the piano and should have a thoro knowledge of the rudiments of music.

Public School Music

This is a two-year course. Entrance to the course requires that the student have a diploma from an accredited high school. Upon satisfactory completion of this course a State certificate will be issued in addition to the Conservatory certificate. Under certain conditions, this course may form a portion of the work for the regular diploma of the Conservatory of Music.

First Year.—The following subjects are required: Sight-singing, Ear Training, Voice Culture, History of Education, Psychology, Harmony 1, a modern language or its equivalent, Piano, unless able to play third grade music, in which case candidate may be excused from further study of that instrument. It is very desirable that a student be able to teach some high school subject or drawing in connection with Public School Music. (College students will take the regular college course in psychology; music students, a special course at the conservatory.)

Second Year.—The following subjects are required:

a. Sight-singing, Ear Training, Harmony 2, History of Music, Appreciation of Music, Piano, unless able to play third grade music, a modern language or its equivalent.

b. School room teaching, five periods weekly.

The study of voice will be required of pupils in public school music to meet this demand.

Sight Reading

All pupils of vocal music must have at least one year of sight reading before receiving either a teacher's certificate or diploma. The cost of these lessons will be nominal. It is impossible to sing correctly and effectively at all times without an exact and practical knowledge of music and its notations.

Normal Training

The demand of the times is for musicians equipped not only technically, but also in the art of imparting instruction. Most students, in starting to teach, possess but the points, given them by their instructors, in regard to their individual work. As these may not apply to the general needs of their pupils, a course in the art of teaching is almost indispensable.

Normal Piano Training Course for Prospective Teachers.—One year course with Certificate for advanced and senior students of piano.

Post-graduate Certificate Course for young teachers.

(For College Credits see College Catalog.)

Text book work, practice teaching.

Lectures.—Technical Theories, Various Types of Pupils, Elementary Foundation Work, Development of Original Musical Ideas, Tonality, Methods, Material for Teaching, Interpretation, Memorizing, Educative Principles, etc., etc.

Ear training, analyzing and psychology are a part of this course. (College students will take the regular college course in psychology; music students, a special course at the conservatory.)

Normal Courses in Voice and Violin may also be taken.

Ensemble

The study of chamber music is a very important one to the advanced student of any instrument. The impetus to more thoro practice, mental activity, development of rhythm and color, and an insight into this particularly rich field of musical text, is of untold value. Both classic and modern music is studied. Students who come mainly for the study of piano, violin or any other instrument should, if possible, arrange for some work in this line.

Harmony

The "Upton" system of key-board harmony will be used. Harmony study is too apt to be purely theoretical and therefore of comparatively slight value to the average student. Believing that a course has been found that will be first, last and always of practical value to the performer, since all the work is done at the instrument, we are offering this advantage to our students. Results obtained in other institutions substantiate all the claims made for the system. The student uses with fluency all the triads and seventh chords, modulates to all keys with ease, is familiar with altered chords, and suspensions, in short with all the subjects covered in any harmony course. He is enabled to transpose music as easily as he plays it in the original key. As memorizing is a great feature of the course it becomes an easy and natural process. Very young children are enabled by this course to produce compositions of real merit.

Theory

The importance of exhaustive and thoro work in the various theoretical studies cannot be too strongly emphasized. A rudimentary or fundamental course should precede ear training, sight singing, harmony, analysis, counterpoint (simple and double), canon and fugue (the supreme contrapuntal forms), orchestration and composition.

Appreciation of Music

First Year.—This is a study of the form and meaning of music and follows closely the text used, "Appreciation of Music" and Supplement, by Surette and Mason. A preliminary study of the instruments of the orchestra is given, preparatory to the concerts of the Minneapolis Symphony Orchestra, which our students are encouraged to attend. Required for graduation from Conservatory of Music.

Second Year.—This is a continuation of Appreciation of Music 1, and is a thoro study of Romantic and Modern forms since the time of Beethoven. The study is based on "Appreciation of Music," volume 2, by Surette and Mason, and "What We Hear in Music" by Faulkner. Talking machine records are freely used. Required for graduation from the Conservatory of Music.

History of Music

First Year.—Study of beginnings of music thru the Classical Period, including the history and development of instruments. The text book used is "Essentials in Music History," Tapper and Goetschius. The College library has a good collection of reference works on music and our students have access to the fine collections in the public libraries of St. Paul and Minneapolis. A trip is made annually to the Raudenbush piano factory in St. Paul to see the process of making a piano. Required for graduation from Conservatory of Music.

Second Year.—This is a continuation of History 1, studying the development of music from the Romantic Period to our own day. By means of the talking machine records many operas, oratorios, symphonies, songs and piano compositions are studied. Required for graduation from Conservatory of Music.

History of Fine Arts

The study of the allied arts is of great cultural advantage to the musician in the development of artistic tastes. Instruction in the way of illustrated lectures is given by Miss Briggs.

Student Recitals

These opportunities for public performance are helpful in overcoming natural diffidence and nervousness, and in giving that confidence and poise so necessary to the successful player and singer.

Pupils also gain an ever-increasing knowledge of musical text, aside from that with which they come in contact in their own study. The instructors allow only such students as have reached a certain degree of proficiency to appear in recital.

Euterpean Society.—A conservatory organization which brings the pupils together for social and musical recreation. Its object is to create good fellowship and musical development. The programs are varied and interesting. Students receive admission into this society by invitation. The dues are fifty cents a semester.

Terms for Instruction

Per Semester

Tuition prices vary with the grade and the teacher.

Voice	$108.00 to $30.00
Piano	72.00 to 22.00
Pipe Organ	72.00 to 45.00
Violin	72.00 to 20.00
Ensemble	25.00
Harmony	20.00
History of Music	6.00
Appreciation of Music	5.00
Public School Music	35.00
Normal Training	35.00
Progressive Series	5.00

Piano Practice, per hour	$6.00	Organ Practice, per hour	12.00
Incidental Fee	1.00	Cost of Graduation	10.00

College fees for conservatory students taking college work are paid at the beginning of each semester before completion of registration and strictly in advance, as follows:—

Tuition (five to eight hours per week) $30.00

There is no fee for harmony, history or appreciation to students taking college subjects.

Discount will be allowed on tuition bills for two or more studies paid a year in advance.

Honorary Degrees

Conferred by Macalester College

1901: D. D. to Rev. Charles Thayer, Ph. D.....Deceased
D. D. to Rev. George W. Davis, Ph. D...St. Paul, Minn.
1902: D. D. to Rev. H. F. Stilwell.....St. Paul, Minn.
D. D. to Rev. J. Le Moyne Danner.....Indianapolis, Ind.
LL. D. to Hon. Thomas Wilson.....Deceased
1903: D. D. to Rev. Joseph Cochran, Macalester, '89.....
.....Philadelphia, Pa.
1904: D. D. to Rev. Stanley B. Roberts.....Minneapolis, Minn.
M. A. to Myron A. Clark, '90, ...Rio de Janeiro. Brazil
1905: D. D. to Rev. Charles F. Hubbard.....Auburn, N. Y.
1906: D. D. to Rev. Donald D. McKay.....Tacoma, Wash.
1907: D. D. to Rev. Archibald Cardle, Macalester, '94.....
.....Burlington, Iowa
1910: D. D. to Rev. Charles T. Burnley.....Deceased
D. D. to Rev. Alfred E. Driscoll.....Ashland, Wis.
D. D. to Rev. William Porter Lee, Macalester, '89.....
.....Germantown, Pa.
D. D. to Rev. Harry Clinton Schuler, Macalester, '95....
.....Resht, Persia
D. D. to Rev. John Hansen Sellie, Macalester, '95.....
.....Buffalo, Minn.
1911: D. D. to Rev. Charles Allen Clark, Macalester, '99.....
.....Seoul, Korea
LL. D. to Rev. Albert Brainerd Marshall, D. D., Omaha, Neb.
LL. D. to Rev. George Livingstone Robinson, Ph. D., D. D.
.....Chicago, Ill.
1914: D. D. to Rev. George Ewing Davies..Salt Lake City, Utah
D. D. to Rev. Joseph Carle Robinson.....
.....White Bear Lake, Minn.
LL. D. to Hon. James Jerome Hill.....Deceased
1915: Litt. D. to Rev. John Wright.....Deceased
D. D. to Rev. William C. Laube '01 .....Dubuque, Ia
1916: Mus. M. to Harry Phillips.....Minneapolis, Minn.
Mus. M. to George H. Fairclough .....St. Paul, Minn.
1918: D. D. to Rev. Asa John Ferry.....Philadelphia, Pa.
D. D. to Rev. James B. Lyle.....Albert Lea, Minn.
D. D. to Rev. T. Ross Paden.....Mankato, Minn.
D. D. to Rev. Benjamin Bunn Royer.....St. Paul, Minn.
1919: LL. D. to Rev. Dwight Witherspoon Wylie, Philadelphia, Pa.

WALLACE HALL

Alumni

Alumni Association

It will be esteemed a favor if each alumnus who changes his residence will notify the President of his new address. Information from any source that will assist in keeping this roll complete will be appreciated.

The Alumni Association of Macalester College has two purposes in view: to bind into a unit the graduate body and help to preserve and increase the value of the friendships formed in College, and to further the interests of the Alma Mater and make her more widely known. Communications to the Alumni Association should be sent to the college.

Officers

W. P. Kirkwood.....President
Gertrude Smith.....Vice-President
W. M. Hobart.....Secretary
Isabelle Elmer.....Treasurer

Roll of Alumni

Class of 1889

George Washington Achard.....Business, Minneapolis, Minn.
Joseph Wilson Cochran.....Minister, Detroit, Mich.
Ulysses Grant Evans.....Minister, Kirkville, Iowa
James Chase Hambleton.....Teacher, Columbus, Ohio
Benjamin Wallace Irvin.....Deceased
Samuel M. Kirkwood.....Surgeon, Absarokee, Mont.
William Porter Lee.....Minister, Germantown, Pa.
Paul Erskine McCurdy.....Business, Philadelphia, Pa.
Louis Ferdinand Slagle.....Deceased
Charles Albert Winter.....Deceased

Class of 1890

Myron A. Clark.....Y. M. C. A., Rio de Janeiro, Brazil
Thaddeus T. Cresswell.....Minister, Eagle Rock, Cal.
John Knox Hall.....Missionary, La Salle, Colo.
William Henry Humphrey.....Deceased
William Paul Kirkwood.....Professor, U. of M., St. Paul, Minn.
Amos Avery Randall.....Deceased
Judson L. Underwood.....Missionary, Fairfield, Iowa

Class of 1891

Frank Brown ..... Principal, Chicago, Ill.
Walter F. Finch ..... Minister, So. St. Paul, Minn.
Walfred Sunberg ..... Deceased
William B. Turner ..... Business, Boston, Mass.
Thomas C. Williamson ..... Business, Winnebago, Minn.

Class of 1893

James Carlisle Simonton ..... Business, Minneapolis, Minn.
Joseph Zoll ..... Address unknown

Class of 1894

Francis W. Beidler ..... Minister, Mosco, Colo.
Archibald Cardle ..... Minister, Burlington, Iowa
Paul A. Ewert ..... Attorney, Joplin, Mo.
George E. Johnson ..... Business, Sayre, Okla.
Samuel M. Marsh ..... Minister, Brown's Valley, Minn.
William H. Sinclair ..... Minister, Oxford, Iowa

Class of 1895

Frank E. Balcome ..... Physician, St. Paul, Minn.
John W. Christianson ..... Minister, Veblen, S. D.
Thomas Fitz-Morris Clark ..... Deceased
Charles D. Darling ..... Minister, Fort Collins, Colo.
Edwin Howard Gordon ..... Deceased
Harry Clinton Schuler ..... Missionary, Resht, Persia
John Hansen Sellie ..... Minister, Buffalo, Minn.
Arthur Whitney Vance ..... Deceased

Class of 1896

Alexander Edward Cance ..... Prof., Mass. Agr. College, Amherst, Mass.
Moses M. Maxwell ..... Deceased
Samuel F. Sharp ..... Deceased

Class of 1897

Albert Ernest Evans ..... Minister, Hunters, Wash.
Charles W. Hansen ..... Deceased
Ernest Charles Henke ..... Minister, Baraboo, Wis.
George Leck ..... Deceased
John McLearie ..... Professor, State School of Mines, Rapid City, S. D.
Winifred Moore-Mace ..... Walton, N. Y.
Arthur A. Palmer ..... Minister, Garfield, Wash.
Charles Petran ..... Missionary, Mexico City, Mexico
Louis B. Sherwin ..... Minister, Le Sueur, Minn.
William K. Sherwin ..... Teacher, Barnum, Minn.
Arthur G. Welbon ..... Missionary, Andong, Korea

Class of 1898

Clarence Dwight Baker ..... Deceased
Charles Warren Dade ..... Business, Minneapolis, Minn.
Anna Moore Dickson ..... Teacher, St. Paul, Minn.

Caspar Gregory Dickson.....Clerk, Library of Congress, Washington
Nellie M. Flanders-Sherwin.....Barnum, Minn.
John M. Guise.....Principal, St. Paul, Minn.
Carlton Leslie Koons.....Minister, Ashland, Wis.
Robert C. Mitchell.....Minister, St. Paul, Minn.
William James Mitchell.....Minister, Hamburg, Iowa
David Walter Morgan.....Minister, Nioto, Ill.

Class of 1899

Hugh S. Alexander.....Professor, Macalester College, St. Paul, Minn.
Walter Baker Augur.....Minister, Dodge Center, Minn.
Charles Allen Clark.....Missionary, Seoul, Korea
Ralph Elmo Clark.....Teacher, Moose Jaw, Sask., Can.
Paul Doeltz.....Missionary, Iloilo, Philippine Islands
George C. Edson.....Minister, Hasbrouck Heights, N. J.
Thomas George Jamieson.....Business, Calgary, Can.
Almira F. Lewis.....Denver, Colo.
Robert Morris Lutz.....Business, San Rafael, Cal.
James Murray.....Minister, Entiat, Wash.
Samuel Merton Pinney.....Superintendent, Mound, Minn.
Jacob Elmer Smits.....Deceased
George Stanley.....Minister, St. Paul, Minn.
Murray Alberton Travis.....Minister, Collegeport, Texas

Class of 1900

John Calvin Abels.....Minister, Wichita, Kans.
Miles Strong Grimes.....Minister, Lyon Falls, N. Y.
Ralph Emerson Herron.....Business, Lordsburg, N. M.
John Robert Landsborough.....Minister, Nampa, Idaho
Ernest A. Oldenburg.....Minister, Burrows, Ind.
Mathilde Pederson-Romunstaad.....Deceased
Irving, David Roach.....Business, Azusa, Cal.
William James Sharp.....Minister, Centralia, Wash.
Roy Walker Smits.....Deceased
David A. Thompson.....Minister, Portland, Ore.

Class of 1901

William Beckering.....Deceased
Louis Benes.....Minister, Armour, S. D.
Henry Roy Bitzing.....Lawyer, Mandan, N. D.
Percy Porter Brush.....Lawyer, Kelso, Wash.
Charles Morrow Farney.....Business, St. Paul, Minn.
Henry D. Funk.....Professor, Macalester College, St. Paul, Minn.
Nathaniel E. Hoy.....Meadow, S. D.
Lewis Hughes.....Teacher, Ottawa, Minn.
Richard U. Jones.....Professor, Macalester College, St. Paul, Minn.
William C. Laube.....Professor, Presb. Sem., Dubuque, Iowa
Millicent V. Mahlum-Kelts.....Columbus, Mont.
William H. Travis.....Collegeport, Texas
Lily Bell Watson.....Macomb, Ill.

Class of 1902

Frederick Brown ..... Deceased
Robert L. Davidson ..... Teacher, Kent, Wash.
Sarah A. Haines-Korsen ..... Seattle, Wash.
Grace Iddings-Fletcher ..... Grand Forks, N. D.
Leonard L. Mann ..... Minister, Ipswich, S. D.
Francis H. Newton ..... Minister, Everett, Wash.
Winifred R. Pringle-Weber ..... Coeur d'Alene, Idaho
Edgar E. Sharp ..... Lawyer, Moorhead, Minn.
Benjamin Bruce Wallace ..... Government Service, Washington, D. C.
Helen Margaret Wallace-Davies ..... Carmi, Ill.

Class of 1903

John Morton Davies ..... Minister, Carmi, Ill.
Bessie Shepherd Doig-Jacobson ..... Cedar Rapids, Iowa
Julia Anita Elmer ..... Teacher, St. Paul, Minn.
Peter Erickson ..... Minister, Minot, N. D.
Ebenezer Thomas Ferry ..... Minister, Fergus Falls, Minn.
Emma Inez Godward-Davies ..... Fairbury, Neb.
Robert McMaster Hood ..... Minister, Manteca, Cal.
Peter Westin Jacobson ..... Minister, Cedar Rapids, Iowa
Raymond Lewis Kilpatrick ..... Engineer, Sulzer, Alaska
Donald Norman MacRae ..... Minister, Mitchell, Ont.
Henry Morgan ..... Teacher, Sheldon, N. D.
Joseph E. Rankin ..... Minister, Howard Lake, Minn.
Mary J. Rankin ..... Missionary Teacher, Sneedville, Tenn.
Max M. Wiles ..... Minister, Virginia, Ill.
William H. Weber ..... Business, Coeur d'Alene, Idaho

Class of 1904

Grace Ivanore Chapin-Sharp ..... Moorhead, Minn.
Peter Arthur Davies ..... Minister, Fairbury, Neb.
Thomas Hunter Dickson ..... Physician, St. Paul, Minn.
Margaret Evans-Detweiler ..... Santurce, Porto Rico
William Horatio Kendall ..... Minister, Farmington, Ill.
Alfred Edward Koenig ..... Professor, U. of Wis., Madison, Wis.
William Oliver Rothney ..... Inspector of Schools, Quebec, Can.
Henry John Voskuil ..... Missionary, Amoy, China
Tolbert Watson ..... Physician, Albany, Minn.
Mabel Wicker ..... Teacher, Dawson, Minn.

Class of 1905

John Thomas Anderson ..... Minister, St. James, Minn.
Earl Kenneth Bitzing ..... Editor, Mandan, N. D.
Eugene Erwin Bromley ..... Minister, Bayview, Alaska
Isabelle Allison Elmer ..... St. Paul, Minn.
Asa John Ferry ..... Minister, Philadelphia, Pa.
Thomas Edwin Flinn ..... Physician, Redwood Falls, Minn.
Ledru Otway Geib ..... Physician, Detroit, Mich.
Mary Carnahan Guy-Shellman ..... Austin, Minn.
Marie Grace Jamieson-Smith ..... Lewisville, Ind.

Daniel Griffin Le Fever ..... Business, Minneapolis, Minn.
James Albert Slack ..... Minister, Winkelman, Arizona
Robert Owens Thomas ..... Chicago, Ill.
Jane Turnbull ..... Teacher, Marshall, Minn.

Class of 1906

Levi H. Beeler ..... Winthrop College, Rock Hill, S. C.
James Ekin Detweiler ..... Missionary, Fukui, Japan
James Hamilton ..... Minister, Denver, Colo.
Roscoe Cliver Higbee ..... Principal, St. Paul, Minn.
Alexander Hood ..... Missionary, Wellpinit, Wash.
Albert Kuhn ..... Minister, Omaha, Neb.
Paul H. Th. Rusterholz ..... Teacher, St. Paul, Minn.
Ruth Estelle Swasey-Rusterholz ..... St. Paul, Minn.
Gordon Graham Thompson ..... Physician, Seattle, Wash.
Frank Harvey Throop ..... Missionary, Soo Chow, China
Margaret Turnbull ..... Teacher, St. Paul, Minn.

Class of 1907

William Harvey Amos ..... Minister, Portland, Ore.
James Albert Caldwell ..... Principal, Tower City, N. D.
Robert W. Davies ..... Business, Minneapolis, Minn.
Josephine Elmer-Ballou ..... Rochester, Minn.
Marshall Gregory Findley ..... Business, New York City
Richard David Hughes ..... Minister, Chicago, Ill.
Martha Antoinette Jacobson-Maitrejean ..... St. Paul, Minn.
Henrietta Cecelia Lundstrom ..... Teacher, Lewistown, Mont.
Rose Amelia Metzger-Nutt ..... Sidney, Mont.
David McMartin ..... Minister, Cheyenne, Wyo.
Rhoda Catherine MacKenzie ..... Dental Student, Portland, Ore.
Richard Samuel Nutt ..... Banker, Sidney, Mont.
Ole Johnson Oie ..... President Theo. School, Christiania, Norway
William Fred Pottsmith ..... Minister, Portland, Ore.
Mary Pauline Payne-Healy ..... Mapleton, Minn.
Minerva Schlichting ..... Deceased
Ruth Adelia Sherrill ..... Teacher, Bothell, Wash.
Mary Helen Smith-Jones ..... St. Paul, Minn.
George Hill Smith ..... Business, Excelsior, Minn.

Class of 1908

George Kemp Aiken ..... Editor, Ontario, Ore.
Hanna Sophia Berg ..... Principal, Mahtomedi, Minn.
Ralph Brinks ..... Aitkin, Minn.
Richard Stanley Brown ..... Minister, Escanaba, Mich.
Edith Frederica Cale ..... Deceased
Clifford Clement Cornwell ..... Minister, Riverhead, N. Y.
Evan Milton Evans ..... Lawyer, Middle River, Minn.
Rosella Evans-Griffith ..... Ottawa, Minn.
James Todd Guy ..... Lawyer, Milwaukee, Wis.

Mary Elizabeth Guy-Wallace ..... Spring Valley, Minn.
Walter Mell Hobart ..... Business, Minneapolis, Minn.
Lucy Ma Belle Hyslop-Flinn ..... Redwood Falls, Minn.
Nina Foy Johnson-Wallace ..... Fairmont, Minn.
Margaret Edith Lakey-McDonald ..... Souris, N. D.
Peter McEwen ..... Minister, Greenwood, Ind.
Luke Edward Marvin ..... Business, Duluth, Minn.
Martha Bessy Olson-Bromley ..... Bayview, Alaska
Stanley Hall Roberts ..... Minister, Dawson, Minn.
Lydia Anna Schroedel-Hobart ..... Minneapolis, Minn.
Clarence Mason Stearns ..... Business, St. Paul, Minn.
Robert Sinclair Wallace ..... Business, Fairmont, Minn.

Class of 1909

Emma Bertelle Barker-Marvin ..... Duluth, Minn.
Lucas H. Brinks ..... Business, Independence, Kan.
Albert Daniel Davies ..... Business, Minneapolis, Minn.
David Roy Jones ..... Deceased
Lulu Lane Piper-Aiken ..... Ontario, Ore.

Class of 1910

George Samuel Barclay Acheson, Field Dir., New Era Movem't, New York City
William Jefferson Bell ..... Minister, Mountain Iron, Minn.
Joseph Vaclav Beran ..... Business, Hibbing, Minn.
Charles Taylor Burnley ..... South St. Paul, Minn.
Edward John Carson ..... Minister Raton, N. M.
John Andrew Evert ..... Physician, Brainerd, Minn.
June Rose Evert-Lanterman ..... Mandan, N. D.
Albert Howard Gammons ..... Minister, Jacksonville, Ore.
Jesse Willis Hamblin ..... Minister, Santa Fe, N. M.
Stanley Hurlbut Hodgman ..... Business, Spokane, Wash.
William Andrew Horne ..... Minister, Rolla, B. C., Can.
Helen Mary Hunt-Bell ..... Mountain Iron, Minn.
Edward Henry Joesting ..... St. Paul, Minn.
John Archibald McEwen ..... Minister, Homer, Ill.
Sarah Grace McMartin-Carson ..... Minneapolis, Minn.
Pearl A lma Nash-Evert ..... Brainerd, Minn.
Mildre d Gretchen Phillips-Kindy ..... St. Paul, Minn.
Minni e Mae Pierson-Evans ..... Middle River, Minn.
Mary Elsie Raymond-Muhr ..... Elmira, Ore.
Glady s Isabelle Roberts ..... Minneapolis, Minn.
Jeann ette Paulina Sawyer-Guild ..... St. Paul, Minn.
Frede rick Samuel Shimian ..... Minister, Tomales, Cal.
Elmer Stuart Smith ..... Centralia, Wash.
Eliza beth Libby Staples-Brown ..... St. Paul, Minn.
Vern on Elliott Stenerson ..... Minot, N. D.
Anna Elizabeth Taylor ..... Chicago, Ill.
Norman Kendall Tully ..... Minister, Eau Claire, Wis.
Ruth Minerva von Dorn-Gammons ..... Jacksonville, Ore.
June Adelia Woodward ..... Teacher, Redwood Falls, Minn.

Class of 1911

William Ernest Baskerville ..... Minister, Princeton, N. J.
Charles Bremicker ..... Minister, Highland, Wis.
Allan Hill Brown ..... Minister, Tipton, Ind.
Homer Clyde Cardle ..... Business, Davenport, Wash.
Fred F. Carson ..... Minneapolis, Minn.
Janet Isabella Dodds ..... Teacher, Morris, Minn.
Donald Smith Doty ..... Attorney, St. Paul, Minn.
Effie Miranda Ellison-Miner ..... Coleraine, Minn.
Hulda Olivia Ellison ..... La Moure, N. D.
Oscar Melvin Ellison ..... Business, La Moure, N. D.
Marjory Lucy Hanson ..... Missionary, Andong, Korea
Bayard William Heed ..... Business, Wadena, Minn.
Arthur Billings Hunt ..... New York City
Ernest Wilburt Johnson ..... St. Paul, Minn.
Ina Elizabeth Lindsley ..... Marshall, Minn.
Anna Mae Little-Johnson ..... St. Paul, Minn.
Luella Irene Murphy-Dickinson ..... Pierpont, S. D.
William Earls Noyes ..... Superintendent, Farmington, Minn.
Adelaide Wadsworth Payne ..... Teacher, Ely, Minn.
Russell Stephen Peterson ..... Superintendent, Henderson, Minn.
Leland William Porter ..... Minister, Salem, Ore.
Edna Francis White-Becker ..... Amboy, Minn.

Class of 1912

Anna Elizabeth Anderson-Carson ..... Raton, N. M.
Dorothy Elizabeth Baumgart ..... Teacher, St. Paul, Minn.
Clara Berdan ..... Teacher, Albert Lea, Minn.
James Brinks ..... Business, Lake Benton, Minn.
Orville Clifton Cardle ..... Business, Spokane, Wash.
Bessie Florence Clark ..... St. Paul, Minn.
Mabel Emma Cosgrove ..... Teacher, Le Sueur, Minn.
Elva May Davis-Westerlund ..... Iowa Falls, Ia.
Louise Lombard Davisson-Tripp ..... Minneapolis, Minn.
Jessie Ellen Fisher-Thomas ..... Guam, Ladrone Islands
Clarence Oscar Graue ..... Coeur d'Alene, Idaho
Lilah Agnes Holden-Batten ..... Hudson, Wis.
Florence Hunt ..... Teacher, Okmulgee, Okla.
Earl Duane Jenckes ..... Dispatch, St. Paul, Minn.
Clarence Eugene Johnson ..... St. Paul, Minn
Marion Burdick Jones ..... Teacher, Yankton, S. D.
Ruth Anna McKinlay ..... Teacher, Medford, Minn.
Clarice Audrey Miller-Noyes ..... Farmington, Minn.
Pearl Margueritte Palmer ..... Victorville, Cal.
John Gottfried Schmidt ..... Teacher, Omaha, Neb.
William Ellison Scott ..... Business, New York City
Ella A. Stearns ..... Jasper, Minn.
Edna Alda Stewart ..... Government Service, Chicago, Ill.
Cassie Marie Stoddart ..... Teacher, St. Paul, Minn.
Oakley Russell Tripp ..... Y. M. C. A., Minneapolis, Minn.

Oscar Westerlund.....Minister, Iowa Falls, Ia.
Muriel Faye Wheeler-Cockram.....Ontario, Ore.
Harry Merrium Willmert.....Business, Hinckley, Minn.
Ralph Calvin Wilson.....Lieutenant, U. S. Army

Class of 1913

Enoch Newman Bengtson.....Rush City, Minn.
Ragna Leonora Bye-Klein.....Minneapolis, Minn.
Lenna May Campbell.....Y. W. C. A., Baltimore, Md.
Wilfrid Gladstone Campbell.....Teacher, Superior, Wis.
Paul Ephraim Carlson.....Superintendent, Elmore, Minn.
Mary Genevieve Carver-Stevens.....St. Paul, Minn.
George Oliver Chase.....Teacher, Arvilla, N. D.
Leonard Alvin Clark.....Superintendent, Shakopee, Minn.
Mary Bernice Clark.....Teacher, Ely, Minn.
Solomon David David.....Captain, U. S. Army
Emma Joy Frederick-Schmidt.....Delano, Minn.
William Henry Wallace Holley.....Surgeon, Minneapolis, Minn.
Berenice Antoinette Kellogg-Hamilton.....Trenton, N. J.
Robert Lloyd Lang.....Mapleton, Minn.
Del Leslie Laughlin.....South Milwaukee, Wis.
Grace Eloise McClure-Voss.....Morris, Minn.
Elmer Shepard MacCourt.....Dentist, St. Paul, Minn.
Joseph Robert Neller.....New Brunswick, N. J.
Florence Amelia Otis.....Professor, Drake University, Des Moines, Ia.
Norton Walter Peet.....Deceased
William Conkey Phillips.....Teacher, Eau Claire, Wis.
Edith Beatrice Pierson.....Nurse, Minneapolis, Minn.
Ruth Lynn Porter.....Teacher, Clark, S. D.
Adeline Marie Rosebrock.....Teacher, Sauk Rapids, Minn.
Mabel Josephine Scott-Peterson.....Mantorville, Minn.
Ray Simons.....Teacher, Virginia, Minn.
James Merton Snyder.....Superintendent, Fulda, Minn.
Marie Ellen Thomas.....Teacher, Excelsior, Minn.
Katie Lillian White.....Teacher, Lamberton, Minn.
Vera May Zimbeck.....Teacher, Maynard, Minn.

Class of 1914

Carrie Ellen Alvord.....Interpreter, Washington, D. C.
Richard Harlow Anderson.....Superintendent, Huntley, Minn.
Wallace Jay Anderson.....Missionary, Korea
Harold Harvey Baldwin.....Minister, Harrisburg, Pa.
Hosea Greenwood Bosley.....Harlem, Mont.
Arthur George Brown.....Teacher, Bottineau, N. D.
Truman Dean Brown.....Superintendent, Elbow Lake, Minn.
Margaret Buckbee-Greig.....Minneapolis, Minn.
Lulu Ellen Carey-Graue.....Coeur d'Alene, Idaho
Howard Edward Clark.....Deceased
Margaret McGregor Doty.....St. Paul, Minn.
Leslie Lisle Druley.....Business, St. Paul, Minn.
Vera Margery Dunlap-Marvin.....St. Paul, Minn.

Lloyd Gilmore.....Ashland, Mont.
John Leslie Harvey.....Minister, Roseville, Cal.
Burton Patriquine Holt.....Minister, Chicago, Ill.
Alice Louise Lindsley.....Teacher, Ortonville, Minn.
Bessie Elizabeth Lovell.....Teacher, Port Jefferson, Long Island, N. Y.
Edward Everett McCabe.....Deceased
Mable Mohr.....Teacher, Ellendale, N. D.
Esther Neller.....Teacher, Farmington, Minn.
Evelyn Pickthorn.....LaFayette, Ga.
Helen Maria Prosser-Pike.....Hutchinson, Minn.
Harold Percy Roberts.....Teacher, Appleton, Minn.
Gertrude Gray Smith.....Teacher, St. Paul, Minn.
Helen Antonia Stratte.....Librarian, Biwabik, Minn.
Selma Ovidia Stratte-Watkins.....Carlton, Minn.
Florence Adell Switzer-Hamil.....Two Harbors, Minn.
Charles Albert Thomas.....Business, St. Paul, Minn.
Elmer Wilcox Trolander.....Chicago, Ill.
Della Ann Trotter-Brown.....Bottineau, N. D.
Lucius Harlow Watkins.....Carlton, Minn.

Class of 1915

Clark Albin Abrahamson.....Chemist, Coleraine, Minn.
Paul Benjamin Bremicker.....Y. M. C. A., Minneapolis, Minn.
Olive Margaret Brown-Staudenmaier.....Dodge Center, Minn.
Mary Reid Cardle-Zabel.....Delavan, Minn.
Edward Maurice Clark.....Graduate Student, Edinburgh, Scotland
Luella Clara Conley.....Williston, N. D.
Margaret Defiel-Shaker.....St. Paul, Minn.
Josephine Dixon-Mangen.....Morris, Minn.
Gwendolyn Lotimer Eastman-Disbrow.....Alcester, S. D.
Eunice Geer Finch.....Deceased
Alice Julia Flinn-Godfrey.....St. Paul, Minn.
Edith Almeda Haigh.....Teacher, St. Cloud, Minn.
Hillard Herman Holm.....Physician, Cokato, Minn.
Catharine Deaver Lealtad.....Teacher, Cincinnati, O.
Mabel Griffiths Montgomery.....Teacher, Seattle, Wash.
John Samuel Nyquist.....Homestead, Mont.
Emily Helen Payne.....Instructor, U. of M.
Madge Porter.....Teacher, Wahpeton, N. D.
Frieda Jeannette Radusch.....Physician, Rapid City, S. D.
Plato Earl Sargent.....Lawyer, Red Wing, Minn.
Herbert Harrison Sell.....Teacher, Fertile, Minn.
Ruth Virden Slagg.....Pipestone, Minn.
Henry Frank Softley.....Minister, St. Paul, Minn.
Gwendolyn Bromley Williams-Slade.....Minneapolis, Minn.
Bert Benjamin Willmert.....Blue Earth, Minn.

Class of 1916

Arthur Glenn Adams.....Teacher, Assiut College, Egypt
Grace Emily Brown.....Teacher, Gaylord, Minn.
Beryl Alberta Brownlee.....Teacher, Delavan, Minn.

Gordon Lyman Brownlee.....Business, Mavie, Minn.
George Rowland Collins.....Teacher, Faribault, Minn.
Edna Marguerite Cottrell.....Teacher, Medford, Ore.
Thomas Crocker.....Missionary, Barranquilla, Colombia, S. A.
Francis Marion Dana.....Teacher, Collingwood, N. J.
Marie Eleanor de Booy.....Nurse, Baltimore, Md.
Margaret Douglass Downing.....Teacher, St. Paul, Minn.
Ruth Marie Featherstone.....Teacher, Albert Lea, Minn.
William Taber Greig.....Business, Minneapolis, Minn.
Helen Charlotte Gullikson-Willmert.....Hinckley, Minn.
Vergil Homer Guthrie.....Deceased
Frank Edward Hall.....Little Falls, Minn.
Arthur Bristow Hood.....Business, Rapid City, S. D.
Isabelle Howard.....Business, Minneapolis, Minn.
Howard Neff Huelster.....Business, St. Paul, Minn.
Vincent Raymond Hunt.....Teacher, Bricelyn, Minn.
Constance Darling Hunter.....Langdon, N. D.
Bertha Mamie Hurr.....Teacher, Miller, S. D.
Gordon Lewis Keeley.....Business, Loretto, Minn.
Christopher Leo Kenny.....Teacher, Ames, Ia.
Fred Joseph Kenny.....Teacher, Ivanhoe, Minn.
Thomas Kees Laird.....Cortland, N. Y.
David Nathaniel Ling.....Teacher, Mankato, Minn.
John Thompson McCallum.....Teacher, Macalester Col., St. Paul, Minn.
Jessie Elizabeth McClure.....Teacher, Atwater, Minn.
Emily Lois McConkey-Baldwin.....Harrisburg, Pa.
Erwin Herbert Metag.....Superintendent, Belview, Minn.
Loana Miriam Miller-Norris.....St. Paul, Minn.
Anna Seraphina Nelson.....Graduate Student, New York City
Andrew Hilmer Norum.....Minister, St. Paul, Minn.
Adolf Olson.....Teacher, St. Paul, Minn.
Sadie Porter.....Teacher, Wells, Minn.
Howard Johnson Rankin.....St. Paul, Minn.
Zylpha Lauretta Sharpe.....St. Paul, Minn.
John Lyman Sheean.....Business, Keokuk, Ia.
Alice Emma Stearns.....Jasper, Minn.
Olga Constantine Terzieff-Ivanoff.....Ann Arbor, Mich.
Stella Alice Tuttle.....Teacher, Granville, N. D.
Vera Marie Utter-Hood.....Rapid City, S. D.
William Liston Walker.....Teacher, Fountain, Minn.
Irving Howard Williams.....Business, Minneapolis, Minn.
Margaret Jane Williams.....Minneapolis, Minn.

Class of 1917

Effie Alice Adams.....Teacher, International Falls, Minn.
Wylie Gustave Akenson.....Business, St. Paul, Minn.
Oscar Lee Black.....Minister, Jeffersonville, Ind.
Ellen Mary Chase.....Teacher, Sherman, S. D.
Lajla Marie Dale.....Graduate Student, New York City
Gladys Somers Dallimore.....St. Paul, Minn.
Herbert Emil Dierenfield.....Theological Student, Chicago, Ill.

Alice Muriel Everts.....Teacher, Warren, Minn.
Emanuel Ossian Franklin.....Teacher, Minneapolis, Minn.
Charles Gerlinger.....Theological Student, Princeton, N. J.
Wallace Graydon Gibson.....Lieut., U. S. Marine Corps
Pauline Hayes.....St. Paul, Minn.
Milton Boyce Hebeisen.....Graduate Student, U. of Minn.
Ethelwyn Annette Hopkins.....Teacher, Macalester College
Charles Stanley Knott.....Theological Student, San Anselmo, Cal.
Violet Helena Knutson.....Teacher, Ely, Minn.
John Arthur Lewis.....Business, Minneapolis, Minn.
Ethel Marie McClure.....Johns Hopkins Hospital, Md.
Swan William Mattson.....Minister, Willmar, Minn.
Evelyn Bradbury Page.....Teacher, Hastings, Minn.
Harriet Phillips.....Teacher, Stillwater, Minn.
Esperanza Reina.....Y. W. C. A., New York City
Joseph Howard Rhoads.....Grad. Student, U. of M., Minneapolis, Minn.
Allen John Robertson.....Rochester, Minn.
Irving John Roth.....Deceased
Evelyn Mary Rumble.....St. Paul, Minn.
Esther Atta Schumann-Brownlee.....Mavie, Minn.
Gertrude Simons.....Principal, Fairmount, N. D.
Fremont David Taylor.....Principal, Outlook, Mont.
Anna Marie Wagner.....Teacher, Edinburg, Ill.
Lucille Anna Wilkerson.....St. Paul, Minn.
Clarence Charles Willmert.....Business, Minneapolis, Minn.

Class of 1918

Donald Leslie Augustine.....Teacher, Macalester College
Leonard Bedient Brabec.....Wilson, N. C.
Lucia Rebecka Brown.....Teacher, Alvarado, Minn.
Ella Isabelle Clapp-Peake.....St. Paul, Minn.
Walfred Danielson.....Teacher, St. Paul, Minn.
Dorothy Dornberg.....St. Paul, Minn.
Ruth Emhoff-Dale.....Madison, Minn.
John Kenneth Erickson.....Lawyer, Mitchell, S. D.
Erling Eriksen.....Teacher, Stewartville, Minn.
Edith Sophia Gunderson.....Teacher, Appleton, Minn.
Margaret Lila Hammond.....Teacher, Red Wing, Minn.
Victor Arnold Heed.....Cokato, Minn.
James Kydd Hilyard.....Professor, Straight College, New Orleans, La.
Frank Orville Holmes.....Theological Student, Cambridge, Mass.
Alice Erra Hough.....Teacher, Fulda, Minn.
Esther Jerabek.....Teacher, Goodhue, Minn.
Eugenie Marie Legault.....Teacher, Wahpeton, N. D.
Marian Louise Lesher.....Teacher, Worthington, Minn.
Glenn Nyren McNaughton.....Law Student, Cambridge, Mass.
Howard Hope McNiven.....Principal, Powers Lake, N. D.
Lois Marvin.....Teacher, Duluth, Minn.
Ernest Gustav Norstrom.....Teacher, Pine River, Minn.
John Alexander Patterson.....Teacher, Nashwauk, Minn.
Hazel Louisa Roche.....Teacher, Farmington, Minn.

Helen Isabel Sivertson.....Teacher, Middle River, Minn.
Myrtle Dorothy Steen.....Teacher, White Bear, Minn.
Miriam Winifred Wallace.....St. Paul, Minn.
Ruth Azalia Webster.....St. Paul, Minn.
Nancy Olivia Wick.....Teacher, Waseca, Minn.
Amelia Wolf.....Teacher, Waubay, S. D.

Class of 1919

Leila Arvilla Atcherson.....Teacher, Buffalo, Minn.
Dorothy Badger-Keeley.....Loretto, Minn.
Bertha Blair.....Duluth, Minn.
Cleo Louise Brandrup.....Teacher, Clinton, Minn.
Hellen Clark.....Rockville, Minn.
Florence Anna Defiel.....Teacher, Kenyon, Minn.
Paula Doermann.....Teacher, Austin, Minn.
Muriel Emily Carr Eastman.....Teacher, Backus, Minn.
Lucile Grace Farrell.....Teacher, Cannon Falls, Minn.
Melvin Louis Gundlach.....Teacher, Cottonwood, Minn.
Anna Estelle Hammerlun.....Teacher, Lakeville, Minn.
Tillie Hansen.....Y. W. C. A., Minneapolis, Minn.
Hulda Hanson.....Teacher, Dawson, Minn.
Helen Kay Hargreaves.....St. Paul, Minn.
Wesley Arthur Kohl.....Principal, Fulda, Minn.
Raymond Horace Landon.....Minneapolis, Minn.
Amy Marie Le Vesconte.....Teacher, Montrose, Minn.
Alice Vivian Little.....Madison, Minn.
Margaret McLeod-Crocker.....Barranquilla, Colombia, S. A.
Helen Willina McRae.....Teacher, Fulda, Minn.
Marion Gertrude Reader.....Teacher, Tyler, Minn.
Gladys Harriett Reutiman.....Teacher, Farmington, Minn.
Clara Goldena Robinson.....St. Paul, Minn.
Ada Rose Stalker.....Teacher, Duluth, Minn.
Helen Strachan.....Teacher, Duluth, Minn.
Helene May Thomas.....Teacher, Oakes, N. D.
Clarinda Eleanor Trandem.....Medical Student, St. Paul, Minn.
Charles M. Wenzel.....Teacher, Wheaton, Minn.
Margaret Eliza Wharry-Winford.....Owensboro, Ky.

Alumni of the Conservatory of Music

Class of 1900

Mrs. Maud Taylor-Hansen ..... Minneapolis, Minn.

Class of 1901

Millicent Viola Mahlum-Kelts ..... Columbus, Mont.

Class of 1905

Grace Taylor-Franklin ..... Emerado, N. D.
Mrs. W. H. Amos ..... Portland, Ore.

Class of 1906

Carmen Mahlum ..... Brainerd, Minn.
Pearl Neeb ..... Lewiston, Minn.
Charrie Roberton-Simonds ..... Minneapolis, Minn.
Mildred Gretchen Phillips-Kindy ..... St. Paul, Minn.
Paul H. Th. Rusterholz ..... St. Paul, Minn.

Class of 1907

Gyda Hansen ..... St. Paul, Minn.
Richard U. Jones ..... St. Paul, Minn.

Class of 1908

Ethel Erkenbrack-Funk ..... Minneapolis, Minn.
Ada Nash-Patterson ..... Edgerton, Minn.
Gladys Neff ..... Neillsville, Wis.
Minnie Tullar-Doty ..... St. Paul, Minn.
Clara Odenwald-Abbet ..... Worthington, Minn.

Class of 1909

Lorraine Vern Miller ..... La Moure, N. D.
Rhea Le Pierre Rocheleau ..... Ocean Park, Cal.
Anna May Woodworth-Lunn ..... Biwabik, Minn.

Class of 1910

Ardelia Bisbee ..... Madelia, Minn.
Mildred C. Corliss ..... Portland, Ore.
Ada Dahlgren ..... St. Paul, Minn.
Lillian Hall ..... Minnewaukan, N. D.
Estelle Spayde ..... Rapid City, S. D.

Class of 1911

Charlotte Burlington ..... Philadelphia, Pa.
Elva May Davis-Westerlund ..... Iowa Falls, Iowa
Katherine Gamble-Baskerville ..... St. Paul, Minn.
Myrtha Marie Gunderson ..... St. Paul, Minn.
Ethel Haggard-Stewart ..... St. Paul, Minn.
Stella Wilhelmina Heger-Wilson ..... St. Cloud, Minn.

Class of 1912

Mary Genevieve Carver-Stevens ..... St. Paul, Minn.
Ethel Wilcox ..... Mankato, Minn.
Lottie M. Olson-Taralseth ..... Warren, Minn.
Alice R. Olson ..... Fargo, N. D.
Louise Appel ..... Springfield, Minn.
Erna Appel ..... Springfield, Minn.

Class of 1913

Harriet Martha Caldwell ..... Monango, N. D.
Constance Pearl Johnson ..... St. Paul, Minn.
Alice Elvira Larson-Sivertson ..... Alexandria, Minn.
Geneva Samson ..... St. Paul, Minn.
Ethel May Stewart ..... St. Paul, Minn.
Stella Alice Tuttle ..... Hastings, Minn.
Margaret Jane Williams ..... Minneapolis, Minn.
Gladys Ruth Ziesemer ..... St. Paul, Minn.

Class of 1914

Jean Adie-Hullsiek (Bachelor of Music) ..... St. Paul, Minn.
Harriet Caldwell ..... Monango, N. D.
Mabel Reed ..... St. Paul, Minn.
Hazel Roche ..... Farmington, Minn.
Evelyn Rumble ..... St. Paul, Minn.
Blanche Runyon-Rose ..... St. Paul, Minn.
Mildred Skauge ..... Brainerd, Minn.
Ruth Spater ..... St. Paul, Minn.
Clarence Vokoun ..... St. Paul, Minn.
Amelia Wolf ..... Waubay, S. D.
Vernie Wolfsberg ..... St. Paul, Minn.

Class of 1915

Albina Agnes Minar ..... Browerville, Minn.
Frank C. L. Minar ..... Browerville, Minn.
Grace Evangeline Olen ..... St. Paul, Minn.
Olive E. Scott ..... Stillwater, Minn.
Ann Elizabeth Shell ..... Wallowa, Ore.
Ethel Genevieve Tamborino ..... St. Paul, Minn.
Grace Marie Waddell ..... St. Paul, Minn.
Maude Julia Wanzer ..... Charleston, W. Va.

Class of 1916

Lilah Bellingham ..... Cascade, Mont.
Lajla Dale ..... Madison, Minn.
Elizabeth Erickson ..... Bemidji, Minn.
Pearl Fox-Nearpass ..... St. Paul, Minn.
Edith Gunderson ..... Appleton, Minn.
Louis Jacobi ..... St. Paul, Minn.
Grace O'Neale ..... St. Paul, Minn.
Mildred Peabody ..... St. Paul, Minn.

Harriet Pierpont-Smith ..... Bruce, Wis.
Evelyn Rumble (Bachelor of Music) ..... St. Paul, Minn.
Daniel Thomassian ..... St. Paul, Minn.
Janet Vokoun ..... St. Paul, Minn.

Class of 1917

Leonard Brabec ..... Wilson, N. C.
Lucile Farrell ..... Cannon Falls, Minn.
Lena Halverson ..... St. Paul, Minn.
Pearl Kaehler ..... St. Charles, Minn.
Ruth Merryman Hoglund ..... Kerkhoven, Minn.
Margaret Mount ..... St. Paul, Minn.
Harriet Phillips ..... Stillwater, Minn.
Agnes Wunderlich ..... St. Paul, Minn.

Class of 1918

Jean Ellerbe ..... St. Paul, Minn.
Lucile Farrell (Bachelor of Music) ..... Cannon Falls, Minn.
Fred Hoyer ..... New York City
Gwendolin Lomnes ..... Honolulu, Hawaii
Laura Lynch ..... Orr, N. Dak.
Marion Saunders-Pantell ..... Muskogee, Okla.
Helen Strachan ..... Duluth, Minn.
Margaret Wharry-Winford ..... Owensboro, Ky.

Class of 1919

Marion Bagley ..... St. Paul, Minn.
Florence Hastedt ..... St. Paul, Minn.
Anna Redlack ..... St. Paul, Minn.
Emma Schroeder ..... St. Paul, Minn.
Doris Utter ..... St. Paul, Minn.

Roll of Students

Senior Class

Julian Francis Anderson ..... Preston, Minn.
Vern L. Berryman ..... St. Paul, Minn.
Marion Catherine Cardle ..... St. Paul, Minn.
Florence Claus ..... St. Paul, Minn.
May Charlotte Coleman ..... Elbow Lake, Minn.
Marion Armerel Conger ..... Mora, Minn.
Orin Montgomery Corey ..... Osceola, Wis.
Joseph Douglas Crane ..... St. Paul, Minn.
Constance Cronhardt ..... St. Paul, Minn.
Gerald Curtis Dale ..... Madison, Minn.
Alice Grace Davidson ..... Minneapolis, Minn.
Marjorie Dornberg ..... St. Paul, Minn.
Lucile Jeannette Erickson ..... Fulda, Minn.
Alice Mary Fletcher ..... Pipestone, Minn.
Ethel Alice Fletcher ..... St. Paul, Minn.
Lillian Taylor Flitch ..... St. Paul, Minn.
Frances Ruth Gordon ..... St. Paul, Minn.
Florence Elizabeth Gow ..... St. Paul, Minn.
Ralph Everett Greig ..... Rushmore, Minn.
Roy Alfred Greig ..... Rushmore, Minn.
Hazel Mary Griffith ..... St. Vincent, Minn.
Paul Grosshuesch ..... St. Paul, Minn.
Veva Ruth Halverson ..... Revillo, S. D.
Spruel Edward Heard ..... Minneapolis, Minn.
Elsie Ethel Heimer ..... South St. Paul, Minn.
Ruth Anna Helweg ..... Fulda, Minn.
Claude Douglas Holzinger ..... Elbow Lake, Minn.
Ruth Hoxie ..... Duluth, Minn.
Dorothy Wilder Hutchinson ..... St. Paul, Minn.
Frances Lucy Hyslop ..... Slayton, Minn.
George Arthur Jensen ..... Glenwood, Minn.
Linnea Margaret Johnson ..... Milaca, Minn.
Merle Constance Johnson ..... St. Charles, Minn.
Anna H. Johnston ..... Pipestone, Minn.
Clara Dunlavy Jones ..... Rapid City, S. D.
Walter Philip Keller ..... Slayton, Minn.
Adolf Kongelf ..... Sidney, Mont.
Carrie Louise Krugmeier ..... St. Paul, Minn.
Gertrude Helene Krugmeier ..... St. Paul, Minn.
Germaine Labadie ..... France
Mae Cecile Landeene ..... Alexandria, Minn.
Winifred Violet Lapp ..... St. Vincent, Minn.
Herbert William Larseen ..... Minneapolis, Minn.
Marie Lee ..... St. Paul, Minn.
Marthe LeLoupp ..... France
Mildred Irving Leven ..... St. Paul, Minn.
Russell William Lewis ..... St. Paul, Minn.
Myron Louis Lorenz ..... Rolla, N. D.

Helen Edna McGee.....St. Paul, Minn.
Sana Beth McKenny.....Spring Valley, Minn.
Marion Leola McLeod.....St. Paul, Minn.
Laura Marles.....St. Paul, Minn.
Jean Florence Mosier.....Brainerd, Minn.
Norman Eugene Nygaard.....Minneapolis, Minn.
Louise Hall Olsen.....Minneapolis, Minn.
Violet May Olson.....Maynard, Minn.
William Isaac Orlebeke.....Clara City, Minn.
Lloyd Ernest Peabody.....St. Paul, Minn.
Mildred Peabody.....St. Paul, Minn.
Florence V. Pearsen.....St. Paul, Minn.
Irene Marguerite Peterson.....Pipestone, Minn.
Ruth Amelia Rost.....Kerkhoven, Minn.
William John Shogren.....Eau Claire, Wis.
Alice Burgoyne Spencer.....St. Paul, Minn.
Milton Francis Sturtevant.....St. Paul, Minn.
Zenas Howland Taylor.....Stanley, N. D.
William Carson Thompson, Jr.....St. Croix Falls, Wis.
Daniel Thomas Thomassian.....St. Paul, Minn.
Chester Martin Tobin.....Burlington, Ia.

Junior Class

Alric Anderson.....Ellsworth, Wis.
David August Anderson.....Marvin, S. D.
Grace Bross.....St. Paul, Minn.
Leslie Willis Brown.....St. Paul, Minn.
Ozni Carver Brown.....Austin, Minn.
Grace Julia Calder.....Chippewa Falls, Wis.
William Gibson Claffy.....Two Harbors, Minn.
Marguerite Craig.....Bottineau, N. D.
Bonnie Davies.....Pipestone, Minn.
Esther Deakin Donnelly.....St. Paul, Minn.
Lenice Evelyn Felthous.....St. Paul, Minn.
Victor Karl Funk.....St. Paul, Minn.
Robert Francis Gale.....St. Paul, Minn.
Elsie Genevieve Gerlach.....Barnum, Minn.
Harland Hubbard Goetzinger.....St. Paul, Minn.
Donald Henry Griffith.....St. Vincent, Minn.
Grace Marie Guilford.....Minneapolis, Minn.
Marion Ethel Haigh.....St. Paul, Minn.
Doris Aileen Halverson.....Revillo, S. D.
John Morris Hargreaves.....Rochester, Minn.
Guy Louis Hill.....St. Paul, Minn.
Myrtle Genevieve Hynes.....Winnebago, Minn.
Ruth Gladys Isker.....Minneapolis, Minn.
Florence Wilhelmina Johnson.....St. Paul, Minn.
Frederick Johnson.....Hopkins, Minn.
Helmer Gerhardt Johnson.....Belview, Minn.
Frances Helen Krenger.....Stillwater, Minn.
Lawrence Joseph Legault.....Argyle, Minn.

James D. Lightfoot ..... Cloquet, Minn.
Raymond Delos Lilley ..... St. Paul, Minn.
Olof Milton Lind ..... Aitkin, Minn.
Helen Frances McLean ..... Howard Lake, Minn.
Donald Clark McLeod ..... Minneapolis, Minn.
Jessie Norris Mayo ..... Wahkon, Minn.
Mary Mixer ..... St. Paul, Minn.
Lydia Mueller ..... Hutchinson, Minn.
Helen Arabella Newell ..... Albert Lea, Minn.
Edward Oakley Paden ..... Mankato, Minn.
Ione Vilona Pickle ..... Madison, Minn.
Ellen Marie Pope ..... Mora, Minn.
Dorothy Pratt ..... St. Paul, Minn.
Allen Arthur Rock ..... Two Harbors, Minn.
Elizabeth Schade ..... Sisseton, S. D.
Erich Paul Schwandt ..... Buffalo, N. D.
George Eddy Scotton ..... Fort Dodge, Ia.
Ruth Marjorie Swift ..... North St. Paul, Minn.
Doris Evelyn Utter ..... St. Paul, Minn.
Olive Myrtle Wagner ..... Echo, Minn.
Florabel Elenor Wickett ..... Canton, Minn.
Vera Emerson Wilcox ..... Minneapolis, Minn.
Winifred Wilkerson ..... St. Paul, Minn.
Edith Vera Willford ..... Canton, Minn.
Ruth Willson ..... St. Paul, Minn.
William John Witt ..... St. Joseph, Mich.

Sophomore Class

Lillian Grace Anderson ..... Ortonville, Minn.
Reuben Mauritz Anderson ..... Worthington, Minn.
Genevieve Athalie Argetsinger ..... Pipestone, Minn.
Rufus Alonzo Barackman ..... Thief River Falls, Minn.
Doris Elizabeth Barber ..... St. Paul, Minn.
James Beddie ..... White Bear, Minn.
Roland Robert Beggs ..... Minneapolis, Minn.
Percy Judson Bevis ..... Duluth, Minn.
Holley Jean Brandrup ..... Mankato, Minn.
Paul Herbert Brandt ..... Murdock, Minn.
Alma Catherine Bricher ..... Kellogg, Minn.
Jeanne Catherine Brown ..... Kasson, Minn.
Alvin Clayton Busse ..... Slayton, Minn.
Edith Almyra Chase ..... Kasson, Minn.
Isabella Clark ..... Rockville, Minn.
Lucille Cline ..... Canby, Minn.
Olive Elizabeth Cook ..... Blue Earth, Minn.
Archie Davis Cummings ..... Beaver Creek, Minn.
Maurice Dale ..... Madison, Minn.
Joyce Edna Dauwalter ..... Carver, Minn.
Ethelmae Dodds ..... Claremont, Minn.
Joe Stayner Dugan ..... Luverne, Minn.
Emil Joakim Fogelberg ..... St. Paul, Minn.

Elmer William Fondell ..... Dawson, Minn.
Edward Dougall Gordon ..... Virginia, Minn.
Ward Marshall Gray ..... Minneapolis, Minn.
Hilda Greenfield ..... Minneapolis, Minn.
Lester Marion Greig ..... Rushmore, Minn.
Wilton Bernard Gundlach ..... St. Paul, Minn.
Stuart Wesley Hannah ..... Fisher, Minn.
Ruth Margaret Hauck ..... Madison, Minn.
Bernice Goldia Horton ..... Round Lake, Minn.
Marguerite House ..... Cass Lake, Minn.
Myrtle House ..... Cass Lake, Minn.
Constance Helen Humphrey ..... St. Paul, Minn.
Thomas Henry Hyslop ..... Fulda, Minn.
Alice Lois James ..... Madelia, Minn.
Richard M. James ..... Madelia, Minn.
John Jesten ..... St. Paul, Minn.
Carl Marion Kays ..... Warren, Minn.
Ida Merle Leas ..... St. Paul, Minn.
Dewey John Arthur Lindquist ..... Belgrade, Minn.
Hazel Vivian Lundsten ..... Waconia, Minn.
William Southwell McAllister ..... Slayton, Minn.
Lawrence Hodgeman McCoy ..... St. Paul, Minn.
Margaret Virginia McLeod ..... Minneapolis, Minn.
Margarette Ralston McNaughton ..... Redwood Falls, Minn.
John Ward Maddex, Jr ..... La Plata, Mo.
Alice Maulsby ..... Sykeston, N. D.
James Earl Maxwell ..... Minneapolis, Minn.
Harvey Cecil Maxwell ..... Minneapolis, Minn.
Bertha Louise Medcalf ..... St. Paul, Minn.
Florence Harriet Mueller ..... Hutchinson, Minn.
Arnold Milton Negaard ..... Kerkhoven, Minn.
Anne Nelson ..... Elbow Lake, Minn.
Grace Violet Nystrom ..... Minneapolis, Minn.
Edith Marie Olson ..... St. Paul, Minn.
William Cameron Patterson ..... St. Paul, Minn.
Lillian Marie Paulson ..... St. Paul, Minn.
Catherine Brash Pegg ..... St. Paul, Minn.
Clarence Myles Purves ..... Tracy, Minn.
Margaret Irene Rappe ..... St. Paul, Minn.
Helen Frances Reed ..... St. Paul, Minn.
Agnes Elizabeth Roberton ..... Minneapolis, Minn.
Arline Osgood Sander ..... St. Paul, Minn.
Anna Belle Scidmore ..... Clark, S. D.
Bradley Wheelock Sherwood ..... Virginia, Minn.
Ragnar Theodore Soderlind ..... Minneapolis, Minn.
Eleanor Florence Spates ..... St. Paul, Minn.
Verna Steen ..... Kerkhoven, Minn.
Grace Stock ..... Coleraine, Minn.
Lucile Strachan ..... Duluth, Minn.
Mildred Strander ..... Crookston, Minn.
Evan Arthur Thomas ..... Sherburn, Minn.

Harlan Edgar Tripp ..... Round Lake, Minn.
Leslie Elliott Tripp ..... Round Lake, Minn.
Ruth Morse Upton ..... Worthington, Minn.
Marshall Franz Westerlund ..... St. Paul, Minn.
Herbert Eugene Wilson ..... St. Paul, Minn.
Lydia Emily Wrbitzky ..... Silver Lake, Minn.

Freshman Class

Saturnino F. Abasolo ..... St. Paul, Minn.
Harry Elmer Andersch ..... Minneapolis, Minn.
Carl Gust Anderson ..... St. Paul, Minn.
Ella Anderson ..... Ortonville, Minn.
Elsie Violet Anderson ..... St. Paul, Minn.
Ardith Yvonne Arpin ..... Minneapolis, Minn.
Maurice Atlas ..... St. Paul, Minn.
Laurence Emanuel Aurelius ..... St. Paul, Minn.
Ralph Baerman ..... Rushford, Minn.
Doris Anna Baker ..... Marietta, Minn.
Ruth Marion Balcome ..... St. Paul, Minn.
Dorothy Beth Barck ..... Albert Lea, Minn.
Mae Ella Barclay ..... Cass Lake, Minn.
Hiram James Bardwell ..... Duluth, Minn.
Harold Dominy Bates ..... St. Paul, Minn.
Elaine Virginia Bayard ..... St. Paul, Minn.
Lillian Augusta Beck ..... Mountain Iron, Minn.
Max Wilfred Becker ..... Wilmont, Minn.
Albert Arnold Beltman ..... Tower City, N. D.
Verne Wesley Benner ..... St. Paul, Minn.
Helen Adele Bentley ..... St. Paul, Minn.
Anna Celina Bergstedt ..... Amery, Wis.
Paul Adolph Bjelland ..... Mankato, Minn.
Alan Samuel Blair ..... Duluth, Minn.
Leon David Blehert ..... St. Paul, Minn.
Florence Marie Blodgett ..... Crookston, Minn.
Martha Bolt ..... St. Paul, Minn.
Helen Christine Brandt ..... Murdock, Minn.
Lewis Charles Burnett ..... Austin, Minn.
Paul Theodore William Carlson ..... Minneapolis, Minn.
Genevieve Belle Cater ..... St. Cloud, Minn.
Marion Beatrice Colby ..... St. Paul, Minn.
Robert Lee Coleman ..... Elbow Lake, Minn.
Margaret Mae Custer ..... Howard Lake, Minn.
Dosia Wilhelmina Dietz ..... St. Paul, Minn.
Wesley Edward Doms ..... Slayton, Minn.
Cary Egbert Donaldson ..... Minneapolis, Minn.
Ella Ruth Eide ..... Rushmore, Minn.
Irene Elmira Ellison ..... La Moure, N. D.
Mitford Ellsworth ..... Adrian, Minn.
Miriam Emhoff ..... York, Neb.
Nellie Henrietta Erickson ..... Minneapolis, Minn.
Edward Humphrey Evans ..... Duluth, Minn.

Stanley Claude Faragher.....Adrian, Minn.
Freeman Forest Fosseen.....Minneapolis, Minn.
Edith Ione Foster.....Minneapolis, Minn.
Douglas Merlin Garrow.....New Ulm, Minn.
Opal Rossina Giebler.....Stillwater, Minn.
Mary Eleanor Gillette.....North St. Paul, Minn.
Jeannette Randolph Gilman.....St. Paul, Minn.
Majorie Lucile Greive.....Plainview, Minn.
Gordon Leroy Grippen.....Minneapolis, Minn.
Kathryn Alice Guy.....Oakes, N. D.
Elma Lillian Hacking.....Minneapolis, Minn.
Harold Curtis Hand.....Tolna, N. D.
Mace Van Sant Harris.....Fergus Falls, Minn.
Norma Esther Haugan.....Revillo, S. D.
Walter Samuel Hauser.....Minneapolis, Minn.
Agnes Louise Hedeen.....St. Paul, Minn.
Marguerite Higgins.....Delano, Minn.
Orrin John Hill.....Austin, Minn.
Henry Richard Holman.....Nunda, S. D.
Charles Robert Howard.....Minneapolis, Minn.
Lucius John Hunt.....Bricelyn, Minn.
Marjorie Luella Hyslop.....Fulda, Minn.
Mary Lucy Hyslop.....Fulda, Minn.
Clarence Ran Jacobsen.....Rolla, N. D.
Victor Elmer Jacobson.....Aitkin, Minn.
Mabel James.....Lake Crystal, Minn.
Louise Dwight Jefferson.....St. Paul, Minn.
Helen Jensen.....Albert Lea, Minn.
Otto Johnson.....Belview, Minn.
Peavey Stewart Johnson.....St. Paul, Minn.
Lily Jones.....Albert Lea, Minn.
Laurence Sidney Juleen.....St. Paul, Minn.
Gladys Dorothy Kaercher.....Minneapolis, Minn.
Margaret Ann Keran.....St. Paul, Minn.
Dora Koberg.....Clairmont, Alberta, Can.
Richard Lapp, Jr.....St. Vincent, Minn.
Edmund Harry Larson.....St. Paul, Minn.
Kate Blanche Latto.....Minneapolis, Minn.
James Knight Lawrence.....Belt, Mont.
Pearl Margaret Leibbrand.....Jordan, Minn.
Ray Ellis Lemley.....Creston, S. D.
Nathaniel Logan Leven.....St. Paul, Minn.
Harriet Sybil Lewis.....Chisholm, Minn.
Hiram Stanley Lewis.....Virginia, Minn.
Ruth Marguerite Lindbloom.....Stillwater, Minn.
Margaret Pearl Little.....Madison, Minn.
Stella Belle Lucas.....Minneapolis, Minn.
Harold Nels Lund.....St. Paul, Minn.
Philander Gilbert McKeown.....Medford, Minn.
George Edward Maffett.....Hutchinson, Minn.
Reginald Gordon Mapson.....Duluth, Minn.

Thomas George Martin.....Virginia, Minn.
Charlotte Clara Marvin.....Duluth, Minn.
Ezra Meckel.....Le Sueur, Minn.
Silas Archie Meckel.....Le Sueur, Minn.
Marion Mills.....St. Paul, Minn.
Ruth Margaret Monson.....St. Paul, Minn.
Joseph Greassle Moore.....St. Paul, Minn.
Pearl Catherine Murray.....Stillwater, Minn.
Richard Edwin Nelson.....Felton, Minn.
William Edgar Nelson.....Minneapolis, Minn.
Harriet Neuman.....Rapid City, S. D.
Evelyn Loyetta Newcomer.....Somers, Mont.
Theodore Frederick Norman.....St. Paul, Minn.
Elmer Nyberg.....Minneapolis, Minn.
Harlan Kenneth Nygaard.....St. Cloud, Minn.
Dorothy Alice Olds.....St. Paul, Minn.
Arnold David Olson.....Chisholm, Minn.
Evelyn Jean Olson.....Minneapolis, Minn.
Jack Max Osman.....Mandan, N. D.
Mary Gwen Owen.....Mankato, Minn.
Margaret Lucile Paden.....Minneapolis, Minn.
Carroll Peter Palm.....Charleston, W. Va.
Maria Ellene Parker.....St. Paul, Minn.
Hector Perrier.....Minneapolis, Minn.
Maurice Edmund Phillips.....Elk River, Minn.
Amy Gertrude Plummer.....Doon, Ia.
Lillian Faith Reynolds.....St. Paul, Minn.
Ruth Eugenia Rice.....Morris, Minn.
Hervey Morris Richardson.....Kiaochow, China
Eric Arthur Rinell.....St. Paul, Minn.
Helen Louise Robertson.....Austin, Minn.
Ralph Loren Robertson.....Warren, Minn.
Russell L. Robinson.....St. Paul, Minn.
Robert Edwin Rock.....St. Paul, Minn.
William Rock.....St. Paul, Minn.
Harry Rosenberg.....Kerkhoven, Minn.
Julia Alfrida Rost.....Granada, Minn.
Cornelia Rowley.....Minneapolis, Minn.
Clarence Isador Samuelson.....Minneapolis, Minn.
Clifford Maurice Schmoldt.....Davenport, Ia
Anthony Vandeveer Sebolt.....Albert Lea, Minn.
Helen Marguerite Sherman.....St. Paul, Minn.
Marian Adelaide Smith.....Truman, Minn.
Paul Bryan Smith.....Amboy, Minn.
Winston Blackburn Smythe.....Maiden Rock, Wis.
Vivian Irene Stevens.....Duluth, Minn.
Gilbert Miller Stevenson.....Passaic, N. J.
John Wesley Stokes.....Afton, Minn
Esther May Stone.....Clark, S. D.
Esther Dorothy Strand.....Crookston, Minn
Agna Elfrida Strander.....

Ralph Milton Street.....Revillo, S. D.
Miriam Jeannette Sylvester.....Olivia, Minn.
Chester Adam Teich.....St. Paul, Minn.
Corliss Vernon Thompson.....Carlton, Minn.
Samuel Paul Tinnes.....Adrian, Minn.
Kenneth Safford Utter.....St. Paul, Minn.
Harold H. Vandersluis.....Fergus Falls, Minn.
Donald Ritchie Wadle.....Vinton, Ia.
James Standley Wagner.....Rolla, N. D.
Archie Clifford Weberg.....Maynard, Minn.
Floyd Luchsinger Wentworth.....Mantorville, Minn.
Frank Laurence White.....Amboy, Minn.
Rudolph Emry Whitney.....St. Paul, Minn.
Amy Linnea Widing.....St. Paul, Minn.
Nora Olivia Wilcox.....Pine City, Minn.
Nell Gray Williams.....Pelican Rapids, Minn.
William Alexander Williams.....Owatonna, Minn.
Elmer Norris Woll.....St. Paul, Minn.
Ralph Anderson Yeo.....St. Paul, Minn.
Lena Lillian Yugend.....St. Paul, Minn.
Elsa Jeannette Yungbauer.....St. Paul, Minn.

Special

Emily Caroline Tricker.....St. Paul, Minn.

Conservatory of Music

Jessarose Alexander.....St. Paul, Minn.
Muriel Alexander.....St. Paul, Minn.
Anne Anderson.....Muskegon, Mich.
Elsie Anderson.....St. Paul, Minn.
Lillian Anderson.....Ortonville, Minn.
Mabel Anderson.....St. Paul, Minn.
John Armstrong.....St. Paul, Minn.
Robert Armstrong.....St. Paul, Minn.
Bernice Bailey.....St. Paul, Minn.
Doris Baker.....Marietta, Minn.
Doris Barber.....St. Paul, Minn.
Mae Barclay.....Cass Lake, Minn.
Leander Barton.....St. Paul, Minn.
Robert Barton.....St. Paul, Minn.
Elaine Bayard.....St. Paul, Minn.
Harriet Bell.....St. Paul, Minn.
Louise Bender.....St. Paul, Minn.
Helen Bentley.....St. Paul, Minn.
Donnavan Bess.....St. Paul, Minn.
Wallace Bodley.....St. Paul, Minn.
Dorothy Bodwell.....St. Paul, Minn.
Florence Bodwell.....St. Paul, Minn.
Gladys Braden.....Duluth, Minn.
John Bradford.....St. Paul, Minn.

Holley Brandrup ..... Mankato, Minn,
Helen Brandt ..... Murdock, Minn.
Helen Brandt ..... St. Paul, Minn.
Alma Bricher ..... Kellogg, Minn.
Pearl Bright ..... St. Paul, Minn.
Ada Bruncke ..... St. Paul, Minn.
Walter Bruncke ..... St. Paul, Minn.
Mrs. C. A. Bucklin ..... St. Paul, Minn.
Lorene Burns ..... St. Paul, Minn.
Alvin Busse ..... Slayton, Minn.
Catherine Campbell ..... St. Paul, Minn.
Genevieve Cater ..... St. Cloud, Minn.
Delima Clapperton ..... Duluth, Minn.
Isabella Clark ..... Rockville, Minn.
Florence Claus ..... St. Paul, Minn.
Lucille Cline ..... Canby, Minn.
Marion Comfort ..... St. Paul, Minn.
Lillian Connelly ..... St. Paul, Minn.
Constance Cronhardt ..... St. Paul, Minn.
Madge Dailey ..... St. Paul, Minn.
Joyce Dauwalter ..... Carver, Minn.
Madaline Davis ..... St. Paul, Minn.
Mary Donnelly ..... St. Paul, Minn.
Joe Dugan ..... Luverne, Minn.
DeWitt Eaton ..... St. Paul, Minn.
Mildred Eaton ..... St. Paul, Minn.
Ella Eide ..... Rushmore, Minn.
Miriam Emhoff ..... York, Neb.
Florence Enersen ..... Marine, Minn.
Florence Engstrom ..... St. Paul, Minn.
Evelyn Erickson ..... St. Paul, Minn.
Harry F. Erwin ..... St. Paul, Minn.
Lucile Fedders ..... St. Paul, Minn.
Dorothy Fifield ..... St. Paul, Minn.
Gladys Finnell ..... St. Paul, Minn.
Thomas Finnell ..... St. Paul, Minn.
Maureene Fiske ..... St. Paul, Minn.
Gertrude Fitzgerald ..... St. Paul, Minn.
Elizabeth Frick ..... St. Paul, Minn.
Katherine Frick ..... St. Paul, Minn.
Louise Georgeson ..... St. Paul, Minn.
Opal Giebler ..... Stillwater, Minn.
Margaret Glenn ..... St. Paul, Minn.
Ruth Gonniea ..... St. Paul, Minn.
Edward Gordon ..... Virginia, Minn.
Lorraine Gruenhagen ..... St. Paul, Minn.
Nina Gunnison ..... Minneapolis, Minn.
Mrs. J. E. Gustafson ..... St. Paul, Minn.
Kathryn Guy ..... Oakes, N. D.
Doloris Hall ..... St. Paul, Minn.
Harold Hand ..... Tolna, N. D.

Sybil Harris.....St. Paul, Minn.
Helen Hart.....St. Paul, Minn.
Harriet Hatcher.....St. Paul, Minn.
Ruth Hauck.....Madison, Minn.
Cecelia Hauck.....St. Paul, Minn.
Elsie Heimer.....South St. Paul, Minn.
Fannie Hershey.....St. Paul, Minn.
Marguerite Higgins.....Delano, Minn.
Guy Hill.....St. Paul, Minn.
Marguerite Hoffman.....St. Paul, Minn.
Mrs. G. W. Hopkins.....St. Paul, Minn.
John Hopkins.....St. Paul, Minn.
Wendell Hopkins.....St. Paul, Minn.
Marguerite House.....Cass Lake, Minn.
Myrtle House.....Cass Lake, Minn.
Constance Humphrey.....St. Paul, Minn.
Victor Jacobson.....Aitkin, Minn.
Richard James.....Madelia, Minn.
Marjorie Jelinek.....St. Paul, Minn.
William Jenkyns.....St. Paul, Minn.
George Jensen.....Glenwood, Minn..
Marjorie Jewell.....St. Paul, Minn.
Carolyn Johnson.....St. Paul, Minn.
Evelyn Johnson.....St. Paul, Minn.
Helmer Johnson.....Belview, Minn.
Kenneth Johnson.....St. Paul, Minn.
Lilly Johnson.....St. Paul, Minn.
Otto Johnson.....Belview, Minn.
Pearl Johnson.....St. Paul, Minn.
Marion Kane.....St. Paul, Minn.
Marie Kenney.....St. Paul, Minn.
Alice Kingery.....St. Paul, Minn.
Lucile Koch.....St. Paul, Minn.
Mrs. Wm. Kubat.....St. Paul, Minn.
Genevieve Lalonde.....St. Paul, Minn.
Gladys Larson.....Le Sueur, Minn.
Kate Latto.....Minneapolis, Minn.
Ray Lemley.....Creston, S. D.
Logan Leven.....St. Paul, Minn.
Harriet Levine.....St. Paul, Minn.
Ruth Lindbloom.....Stillwater, Minn.
Thelma Long.....St. Paul, Minn.
Grace Lucas.....Minneapolis, Minn.
Edward Lucius.....St. Paul, Minn.
Pearl Lucius.....St. Paul, Minn.
Theresa Lucius.....St. Paul, Minn.
Velva MacIntire.....MacIntire, Ia.
Evelyn MacMicking.....St. Paul, Minn.
Marjorie MacMicking.....St. Paul, Minn.
Florence McCormick.....St. Paul, Minn.
Mrs. D. G. McDonald.....St. Paul, Minn.
Elsie McDonough.....St. Paul, Minn

Gloria Marles.....St. Paul, Minn.
May Marles.....St. Paul, Minn.
Grace Martin.....St. Paul, Minn.
George Martin.....Virginia, Minn.
Alice Maulsby.....Sykeston, N. D.
Beckwith Mayer.....St. Paul, Minn.
Grace Mayer.....St. Paul, Minn.
Noel Mayer.....St. Paul, Minn.
Dorothy Miles.....St. Paul, Minn.
Gladys Mitchell.....St. Paul, Minn.
Jean Mosier.....Brainerd, Minn.
Elizabeth Mullen.....St. Paul, Minn.
Floyd Myhre.....St. Paul, Minn.
Margaret Neibel.....St. Paul, Minn.
Marie Neisinger.....Wilson, Wis.
Daniel O'Connell.....St. Paul, Minn.
Lucile Olson.....St. Paul, Minn.
Gwen Owen.....Mandan, N. D.
Clara Ruth Paasche.....St. Paul, Minn.
Dorothy Pace.....St. Paul, Minn.
Maria Parker.....Charleston, W. Va.
Esther Pearson.....St. Paul, Minn.
George Peterson.....St. Paul, Minn.
Ione Pickle.....Madison, Minn.
Marie Pope.....Mora, Minn.
Dorothy Preston.....St. Paul, Minn.
Irene Rappe.....St. Paul, Minn.
Clinton Reed.....St. Paul, Minn.
Amalia Renz.....St. Paul, Minn.
Helen Renz.....St. Paul, Minn.
Elsie Richardson.....St. Paul, Minn.
Beth Roberton.....Minneapolis, Minn.
Russell Robinson.....Warren, Minn.
Julia Rost.....Kerkhoven, Minn.
Cornelia Rowley.....Granada, Minn.
Bernice Rummenie.....St. Paul, Minn.
James Ruscher.....St. Paul, Minn.
Laurice Russell.....St. Paul, Minn.
Mildred Sandell.....St. Paul, Minn.
Arline Sander.....St. Paul, Minn.
Edward Sands.....St. Paul, Minn.
Robert Sands.....St. Paul, Minn.
Adele Shepherd.....St. Paul, Minn.
Claribel Shepherd.....St. Paul, Minn.
Blair Simon.....St. Paul, Minn.
Winston Smythe.....Amboy, Minn.
Eleanor Spates.....St. Paul, Minn.
Gilbert Stevenson.....Duluth, Minn.
DeAlva Stewart.....St. Paul, Minn.
Cassie Stoddart.....White Bear, Minn.
Lucile Strachan.....Duluth, Minn.

Annamay Strauss.....St. Paul, Minn.
Gretchen Sullwold.....St. Paul, Minn.
Evelyn Sunburg.....St. Paul, Minn.
Ruth Swift.....North St. Paul, Minn.
Miriam Sylvester.....Olivia, Minn.
Josephine Tatum.....St. Paul, Minn.
Grace Terry.....St. Paul, Minn.
Lorna Thomas.....St. Paul, Minn.
Jean Todd.....St. Paul, Minn.
Dorothy Tricker.....St. Paul, Minn.
Monica Tricker.....St. Paul, Minn.
Robert Tricker.....St. Paul, Minn.
Mrs. W. E. Tricker.....St. Paul, Minn.
Helen Trieglaff.....St. Paul, Minn
Harold Vandersluis.....Fergus Falls, Minn.
Olive Wagner.....Echo, Minn.
Grace Warne.....St. Paul, Minn.
Aneeda Weichsel.....St. Paul, Minn.
Rosalee Weiss.....St. Paul, Minn.
Arthur Wherry.....St. Paul, Minn.
Virginia Wherry.....St. Paul, Minn,
Florabel Wickett.....Canton, Minn.
Florence Wiebmer.....St. Paul, Minn.
Nora Wilcox.....Pine City, Minn.
Vera Willford.....Canton, Minn.
Lucile Willis.....St. Paul, Minn.
Herbert Wilson.....St. Paul, Minn.
Halvor Wiulsrud.....St. Paul, Minn.
Lydia Wrbitzky.....Silver Lake, Minn.
Jessie Wright.....St. Paul, Minn.
Alice Young.....St. Paul, Minn.

Summary of Students

College	370
Conservatory of Music	209
Total	579
Counted twice	65
Net total	524

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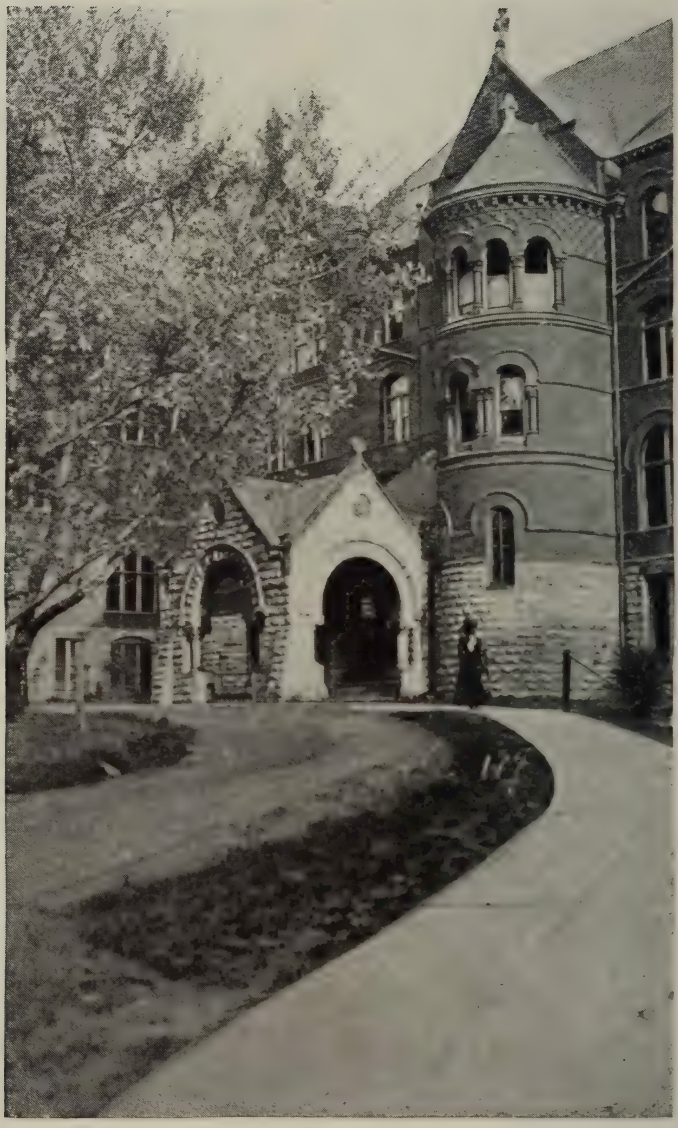
Macalester College Bulletin

Catalog Number
April, 1921

Vol. IX Number 3



ENTRANCE TO MAIN BUILDING

Catalog

Macalester College

1920 - 1921

Accredited by the North Central Association of Colleges and Secondary Schools.

Macalester College uses in its official publications a number of the reformed spellings recommended by the Simplified Spelling Board and now authorized by standard dictionaries.

SAINT PAUL, MINNESOTA

Entered April 29, 1905, at Saint Paul, Minn., as second class matter under Act of Congress, July 16, 1894.

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Issued Quarterly in October, January, April and June.

College Calendar

1921-1922

1921

June 8-14. Wednesday-Tuesday, Second Semester Examinations.
June 10. Friday, 1:30 p. m., Annual Meeting of Board of Trustees.
June 10. Friday, 8:30 p. m., Recital, Conservatory of Music.
June 11. Saturday, 8:15 p. m., Senior Class Play.
June 12. Sunday, 10:30 a. m., Baccalaureate Sermon.
June 12. Sunday, 8:00 p. m., Christian Associations' Service.
June 13. Monday, 11:00 a. m., Extemporaneous Speaking Contest.
June 13. Monday, 8:15 p. m., Senior Class Play.
June 14. Tuesday, 11:00 a. m., Class Day Exercises.
June 14. Tuesday, 6:30 p. m., Alumni Banquet.
June 15. Wednesday, 10:30 a. m., Thirty-Second Annual Commencement.
June 15. Wednesday, 1:30 p. m., College Luncheon.
June 15. Wednesday, 8:30 p. m., President's Reception.
September 19-21. Monday-Wednesday, Registration Days.
September 21. Wednesday, 10:30 a. m., First Semester begins.
November 11. Friday, 10:00 a. m., Armistice Day Exercises.
November 24-26. Thursday-Saturday, Thanksgiving Vacation.
December 21. Wednesday, 4:20 p. m., Christmas Vacation begins.

1922

January 4. Wednesday, 8:00 a. m., Christmas Vacation ends.
January 30-February 3. Monday-Friday, First Semester Examinations and Second Semester Registration.
February 7. Tuesday, 8:00 a. m., Second Semester begins.
February 22. Wednesday, Washington's Birthday.
March 7. Tuesday, Cap and Gown Day.
April 1. Saturday, Last Day for Submitting Senior Theses.
April 13. Thursday, 4:20 p. m., Spring Vacation begins.
April 20. Thursday, 8:00 a. m., Spring Vacation ends.
May 30. Tuesday, Decoration Day.
June 7-13. Wednesday-Tuesday, Second Semester Examinations.
June 14. Wednesday, Second Semester ends.

Administrative Officers

Address correspondence as follows:

ELMER ALLEN BESS, President.
Information, General Business.

RICHARD U. JONES, Dean.
Curriculum, Student Activities and College Policies.

MRS. CHARLES W. WILLIAMS,
Dean of Women.

JOHN P. HALL, Registrar.
Catalog, Grades, Credits, Entrance Requirements.

HARRY PHILLIPS, Director Conservatory of Music.
Catalog, Tuition, Entrance.

ALICE M. CLOUGH, House Director of Wallace Hall.

H. S. ALEXANDER, Purchasing Secretary.

BISHOP H. SCHRIBER, Secretary and Attorney.
Records, Taxes, Litigation, Release of Mortgage.
Pioneer Building, St. Paul.

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Endowment Investments.
Merchants National Bank Building, St. Paul.

JOHN R. MITCHELL, Treasurer.
Capital National Bank, St. Paul.

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REV. JOHN E. BUSHNELL, D. D ..... Minneapolis
WATSON P. DAVIDSON ..... St. Paul
P. L. HOWE ..... Minneapolis
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GEORGE D. DAYTON ..... Minneapolis
RUFUS C. JEFFERSON ..... St. Paul
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TERMS EXPIRE JUNE, 1923

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JOHN S. MCLAIN ..... Minneapolis
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Residence, 355 St. Anthony Avenue. Dale 6092.

Committees of the Faculty

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Mrs. Chas. W. Williams
Julia M. Johnson

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H. D. Funk J. C. Hazzard

The President of the College is ex-officio a member of each faculty committee.

General Information

Historical Sketch

Macalester College is the outgrowth of the Baldwin School of St. Paul, projected by Rev. Edward D. Neill, D. D., as far back as 1853, and of a similar institution opened in 1873 by the same gentleman in Minneapolis. In 1874 Charles Macalester, of Philadelphia, donated to this school the valuable property known as the Winslow House, near the Falls of St. Anthony, with the understanding that as soon as possible it should be developed into a college. In his honor the institution was named Macalester College. Until 1880 it was an undenominational school. In October of that year it was adopted by the Synod of the Presbyterian Church of Minnesota. In 1883 a syndicate of the trustees bought the present site and gave it to the Board of Trustees. The first building thereon was erected in 1884 and the college was opened September 15, 1885.

Rev. Dr. Neill, the founder of the college, was the first territorial superintendent of public instruction and the first chancellor of the State University. He is the author of Neill's History of Minnesota, and also of valuable monographs on colonial history. He died September 26, 1893.

From the beginning Macalester College was burdened with debt, and altho, under the leadership of President James Wallace and Rev. David C. Platter, financial secretary, this debt was considerably reduced, yet, on account of the hard times of the nineties, it had, by June, 1898, risen to $180,000. With the energetic assistance of Robert A. Kirk, Thomas Shaw and Rufus C. Jefferson, the board was reorganized, the debt liquidated, and efforts for a permanent endowment begun. On July 1, 1911, the trustees certified that a total of $467,000 had been given; that of this total $307,000 was invested in endowment securities and $160,000 in Wallace Hall and Carnegie Science Hall.

Macalester College celebrated its quarter centennial June, 1910, with impressive ceremonies. By direction of the Board of Trustees, and at the expense of the college, a History of Macalester College was published by Professor H. D. Funk.

Presidents of Macalester College

Rev. Edward Duffield Neill,* D. D., 1873-1884.
Rev. Thomas A. McCurdy,* D. D., 1884-1890.
Rev. David James Burrell, D. D., 1890-1891.
Rev. Adam Weir Ringland, D. D., 1892-1894.
Prof. James Wallace, Ph. D., LL. D., 1894-1906.
Prof. Thomas Morey Hodgman, M. A., LL. D., February 1907-1917.
Rev. Elmer Allen Bess, D. D., 1918—.

Form of Bequest

The corporate name of the institution is Trustees of Macalester College.

Legal Form of Bequest.—I give and bequeath to the Trustees of Macalester College of St. Paul, Minnesota, duly incorporated under the laws of Minnesota, the sum of .....dollars.

Location

Macalester College is located in Macalester Park, St. Paul, a beautiful suburb in the so-called Midway District. The location is favorable for study, for the development of a pure and wholesome college life, and for careful supervision of the conduct of students. Easy access to the Twin Cities is afforded by the Grand Avenue and Snelling Avenue electric lines—the latter of which connects with all four interurban lines. This combination of college and city life is a unique advantage to Macalester students. The public libraries, churches, lecture courses and musical entertainments of these cities offer cultural opportunities and the vocations in city life can be studied at first hand.

Campus

The campus contains forty acres with a frontage of six hundred and sixty feet on Summit Avenue. The college buildings are situated on the north half of the campus, while the ample athletic field and college woods occupy the southern half.

Buildings and Equipment

The Main Building contains class rooms, society halls, library, auditorium and executive office.

*Deceased

The Carnegie Science Hall is the gift of Mr. Andrew Carnegie. The basement contains a wood shop and a metal shop for applied mechanics. The first floor is devoted to physics and mineralogy; the second to biology, mathematics and astronomy; and the third to chemistry. Electrical connections are provided in all of the lecture rooms for general demonstrations and lectures.

Museum.—The Lewis Collection of Indian relics is rare and valuable, as is also the Educational Collection of marine invertebrates and fishes contributed by the Smithsonian Institution, Washington, D. C. There is also a collection of about five hundred specimens, obtained and loaned by Gilbert L. Wilson, Ph. D., illustrating the culture of the Hidatsa and Mandan Indians. This collection includes sets of Hidatsa agricultural tools, household utensils, pipes, weapons and other objects.

The Men's Dormitory contains twenty double rooms designed to accommodate two students each. The building is heated by steam and lighted by electricity.

Wallace Hall, situated at the corner of Summit and Macalester Avenues, one block from the main campus, is the dormitory for women, accommodating ninety-three students. This is a thoroly modern fire-proof building. Besides the rooms for the young women there are three large parlors, a dining room seating one hundred, a gymnasium in which all of the classes in physical training for women are held and the music rooms, where the Conservatory of Music meets its students. The building is steam heated and electric lighted.

Drawing of rooms by upper class women occurs in the spring and freshman rooms are assigned in the order of application, usually before commencement.

Student government is organized at Wallace Hall, which in conjunction with the Dean of Women regulates the life of the Hall, in conformity to the customs and ideals of Macalester College.

Miss Alice M. Clough presides here as House Director, and the Dean of Women, Mrs. Charles W. Williams, has her residence at Wallace Hall.

Rice Hall, named in memory of Rev. Daniel Rice, D. D., a former professor and trustee, is a frame building facing the campus, used as a practice hall by the School of Music.

Shaw Athletic Field, which was dedicated at the opening of the school year in 1909, was named in honor of Professor Thomas Shaw,

former President of the Board of Trustees, on account of his interest and assistance in the athletics of the institution. It contains four acres of the campus lying directly south of the main buildings.

Library

The Edward D. Neill Library contains about 15,400 volumes. The working collection is located on the third floor of the Main Building; less used books are on other floors. For greater security the Neill collection has been placed in the museum room in Science Hall; in this building also are department libraries.

The Neill collection, consisting for the most part of books presented by Dr. Neill or acquired during his librarianship, contains Americana and some sixteenth and seventeenth century editions in theology and the classics; there are fifteen hundred volumes and a valuable collection of autograph letters.

The Dewey system of classification is used.

For maintenance of the Library there is set apart each semester two dollars and fifty cents of each tuition fee.

Henry L. Moss, a trustee of the college until his death in 1902, and his wife Amanda H. Moss, who died in 1910, bequeathed to the College property which has added about $7,500 to the endowment and produces for the Library $450.

The Library is open as follows: Monday to Friday, from eight until five o'clock; Saturday, from eight to twelve, and one-thirty to five o'clock; holidays, nine to twelve, and one-thirty to five o'clock.

The following periodicals are on file in the Library or in the department libraries:

American Economic Review.
American Historical Review.
American Issue.
American Journal of Psychology.
American Journal of Sociology.
American Mathematical Monthly.
American Political Science Review.
Annals of the American Academy of Political and Social Science.
Architectural Record.
Art and Archaeology.
Association Men.
Association Monthly.
Atlantic Monthly.
Bible Champion.
Bible Society Record.
Biblical Review.
Bookman.
British Weekly.
Bulletin of the Pan American Union. (English and Spanish editions).
Century Magazine.
Chemical Abstracts.
Chemical and Metallurgical Engineering.
Christian Endeavor World.
Christian Statesman.
Classical Journal.
Classical Philology.
Classical Weekly.
Contemporary Review.
Continent.
Converted Catholic.
Country Life in America.
Current History Magazine.
Current Opinion.

Discovery.
Education.
Educational Review.
English Journal.
Etude.
Expository Times.
Forum.
Grinnell Review.
Harper's Magazine.
Herald and Presbyter.
Hibbert Journal.
Historical Outlook.
Home Mission Monthly.
House Beautiful.
Independent.
Industrial Arts Magazine.
International Review of Missions.
Journal of American Chemical Society.
Journal of Geology.
Journal of Industrial Chemistry.
Journal of International Relations.
Journal of Political Economy.
Literary Digest.
Living Age.
London, Edinburgh and Dublin Philosophical Magazine.
Minnesota History Bulletin.
Missionary Review of the World.
Mississippi Valley Historical Review.
Modern Language Journal.
Musician.
Musical Quarterly.
Nation.
National Geographic Magazine.
Natural History.
New Era Magazine.
New Republic.
North American Review.
Outlook.
Philippine Presbyterian.
Physical Review.
Political Science Quarterly.
Popular Astronomy.
Popular Mechanics.
Proceedings of the Academy of Political Science in the City of New York.
Progress.
Psychological Bulletin.
Psychological Review.
Publications of the Modern Language Association of America.
Quarterly Journal of Economics.
Reader's Guide to Periodical Literature.
Religious Education.
Review of Reviews.
St. Paul Pioneer Press.
School and Society.
School Review
School Science and Mathematics.
Science.
Scientific American.
Scientific American Monthly.
Scientific Monthly.
Scribner's Magazine.
Sunday School Times.
Survey.
Teachers College Record.
University Record.
Unpartizan Review.
Woman's Work.
World's Work.
Yale Alumni Weekly.
Yale Review.

Other Library Privileges

The St. Paul Public Library contains, in its central building, 225,000 volumes, for the most part recent publications or recent editions of older works. Five hundred periodicals are on file. The Social Science reading room is a special feature, where the library's collection of books in economics, politics, education and social work may be consulted. There is also a reading room for the useful arts and one for the fine arts, including music. This library is located within fifteen minutes' ride by street car from Macalester College. Books for reference work may be secured at the request of the faculty, and kept, if in use, for an indefinite period.

The library of the Minnesota Historical Society contains about 135,000 books and pamphlets. In addition to its very large collection on American local history it contains much material on the Northwest and Canada, also one of the largest collections in gene-

alogy and biography in the United States, and an extensive collection relating to the Scandinavians in America. This library building is located near the State Capitol.

Other libraries open to students are the State Law Library, The Board of Control, Tax Commission and Labor Commission libraries, also the Minneapolis Public Library, which has 224,000 volumes in its central building.

Occasional use is made of the libraries of the University of Minnesota, the College of Agriculture and the Ramsey County Medical Society.

Administration

In the administration of the college appeal is made to the self-respect and honor of the students. They are constantly encouraged to guard well their honor and that of the institution, and to maintain a wholesome esprit de corps.

Some regulations, however, are necessary, and when students matriculate it is understood that they thereby submit themselves to the government of the college and pledge themselves to support the same while they are members of the institution. They are expected, and, by virtue of their matriculation as students of the institution, are understood to obligate themselves to act as ladies and gentlemen, to be faithful in attendance upon recitations, examinations, daily morning prayers, and Sunday morning service, and to be diligent in preparation of all tasks assigned.

Parents and prospective students should note that no fraternities are permitted, no smoking on the campus or in any of the college buildings by faculty, employees or students and no dancing engaged in by both men and women at any college function. It is from no Puritanic attitude nor from any desire to be peculiar that the college makes these prohibitions, but because scholarship and the best interests of the student body are served thereby.

Students whose influence is found to be hurtful, even though guilty of no serious breaches of order, will not be retained in the institution.

The dormitories are organized on the self-government plan under faculty cooperation.

Registration

Students are required to register by the beginning of each semester. In case of delay in registration beyond the registration days indicated in the college calendar, a fine of one dollar will be imposed for the first day and fifty cents for each subsequent day. No excuses will be granted for late registration. Students may register by mail on deposit of tuition fee, subject to the entrance requirements stated on page 30.

No student is permitted to register after the fourth Monday of the semester.

Students registering later than the second Monday of the semester are required to secure permission from the heads of the departments in their respective courses.

The matter of excess registration is to be referred to the deans.

The student who has failed in more than half the work of the first semester, counted by hours, may not register for the second semester.

The prospective student should procure from the college an application blank on which his principal or superintendent should fill in the student's credits. This blank should be mailed by the proper school authority to the Registrar by the first of August.

On account of the selective system employed the college authorities will limit the number of new students to be received each year.

Examinations and Reports

Examinations are held at the close of each semester. A record is kept of each student's grades, a copy of which is sent to the parent or guardian at the close of each semester.

Students who secure a passing mark in a course are graded as follows: A, B, C or D, which mean excellent, good, fair and poor, respectively. Students who do not reach a passing mark are graded as follows: Con, I or F. Con, meaning condition, implies that the student has failed in the final examination and that the deficiency may be removed by his passing in a second examination to be given later. I means that the mark is withheld by the instructor because the work required has not been completed. F means failure in term

grade. In cases of failure students may secure credit only by repeating the course entire. A Con becomes an F upon failure to pass the second examination.

Conditions incurred in courses of the first semester must be removed by examination within the first six weeks of the second semester; conditions incurred in courses of the second semester must be removed within the first two weeks of the following semester.

For private and condition examinations a fee of fifty cents shall be paid for each examination to the Registrar, who shall thereupon issue a permit. Private examinations will be authorized by the faculty only, and for the most urgent reasons stated in writing.

Degrees

Graduates of the College of Liberal Arts receive the degree of Bachelor of Arts. The degree of Bachelor of Music is granted to students who fulfill the requirements for such degree in the Conservatory of Music.

No student shall be entitled to graduate who shall not have been attending the college at least one year.

Fellowships

The Board of Trustees has offered a limited number of fellowships open to graduates of other approved colleges and carrying a yearly stipend of $300. The holders are required to devote one-half of their time to assistance in the department offering the fellowship and the other half to graduate study in the University of Minnesota.

Prizes and Scholarships

Noyes Prize.—Mrs. D. R. Noyes has given $2,000, the interest on which is used as prizes for student scholarship. Last year the senior prize was awarded to W. C. Thompson, Jr., the junior to Marion Haigh, and the sophomore to Margarette McNaughton.

Stringer Prize.—In honor of the memory of Mr. E. C. Stringer the college is able to offer an annual prize of twenty-five dollars to be given to that student of the college, who, having not fewer than fourteen recitations a week, takes the first place in the preliminary oratorical contest, and represents the college in the state contest. Awarded this year to L. D. Case.

Debate Prize.—Mr. Walter L. Mayo, of St. Paul, offers a prize of thirty dollars, to be distributed to the six students who win positions on the state intercollegiate teams.

Macalester-Hamline Senior Prize in Oratory.—One hundred dollars in prizes is distributed among the winning contestants in an annual dual oratorical contest between the senior classes of Hamline and Macalester College. The first prize consists of fifty dollars, the second of twenty-five dollars and the third of ten dollars and three of five dollars each.

Temperance Oratorical Prize.—Each year twenty-five dollars is given by The Board of Temperance to be divided in prizes of fifteen and ten dollars for the best orations on some phase of the temperance question.

Shaw Scholarship.—Given by Professor Thomas Shaw, of St. Paul, to the nominee of the Central Presbyterian Church, of St. Paul, yielding $50 per annum. Awarded this year to Margaret McPhee.

Silliman Scholarship.—Offered by Mr. H. B. Silliman, of Cohoes, N. Y., and yielding $50 per annum. Awarded this year to Russell Robinson.

Williams Brothers Scholarship.—Louis H. and Charles R. Williams, of Minneapolis, have given $1,000, the income from which is for the aid of a student selected by the faculty. Held this year by Stuart Hannah.

Webb Scholarship.—Mr. E. A. Webb, deceased, gave $1,000, the interest of which is to aid a candidate from the Central Presbyterian Church, St. Paul. Held this year by Marion Mills.

Winona Scholarship.—The First Presbyterian Church has given $1,000, the interest of which is to aid a candidate nominated by this church.

Biology Scholarship.—Dr. Archibald MacLaren, of St. Paul, contributes $50 to aid a student in the department of biology, to be selected by the head of this department. Held this year by Grace Bross.

New England Scholarship.—The St. Paul Colony of New England women gives this year $60 to a young woman of New England parentage.

Scott Scholarship.—Mr. William H. Scott, of Philadelphia, gives $60 for a scholarship awarded by the faculty. Held this year by Dora Koberg.

McCabe Scholarship.—Bequeathed by Edward Everett McCabe of the class of 1914 and accepted as a general scholarship.

Crawford Scholarship.—A gift of $1,000 in memory of Ira Leslie Crawford, the income of which is devoted to a general scholarship.

Myers Scholarship.—S. F. W. Myers has given, in memory of his son, Carl Bertram Myers, $1,000, the income from which is for the aid of men preparing for the Christian ministry.

Fulda Scholarship.— The First Presbyterian Church of Fulda, Minnesota, gives an annual scholarship covering the entire tuition of a student approved by the faculty committee on scholarships.

McLain Journalism Scholarship.—Mr. J. S. McLain offers a prize of $50 for the encouragement of high class English work published during the year. A committee of the faculty makes the award. Awarded this year to Norman Nygaard.

Ministerial Scholarships.—Given by Board of Education of the Presbyterian Church to candidates for its ministry, and to men and women candidates for missionary service.

War Service Scholarships.—The Presbyterian Church has provided a fund, administered by the General Board of Education, for ex-service men, who may require financial aid in the pursuit of study in preparation for their life work.

Honorary Scholarships of $50 each are offered to the first ranking student among the young men and also among the young women in each graduating class of an accredited four-year high school, provided that the superintendent certifies that such students are of honor grade.

Rhodes Scholarships.—"In order to keep this well known bequest before the minds of present or prospective students it is briefly mentioned. Circulars of full information can be obtained at the president's office. Any male student who is a citizen of the United States, unmarried, not less than nineteen nor more than twenty-four years of age and who has reached the end of his sophomore year of study, may be a candidate for one of the Minnesota scholarships. This insures to the winning contestants a three years' residence in Oxford University, England."

Loan Fund.—A loan fund of one thousand dollars is held by the Faculty Women's Club. This fund is used as a loan for short periods, without interest, preferably to junior and senior students.

Student Activities

The Y. M. C. A. has a membership of about eighty students. it holds its regular meeting every Tuesday morning. A committee of the association is present at the college two or three days before the opening of the first semester to assist the new students. The president of this association is G. E. Scotton.

The Y. W. C. A. offers social, educational and religious advantages to the women of the college. It binds all the women together into one common fellowship of love and service thru its regular Tuesday morning meetings, Mission and Bible study classes as well as socials. This year it has a membership of 198. The president of the association is Lillian Paulson and the chairman of the Advisory Board is Mrs. J. W. Gaver.

Literary Societies.—In the college there are five literary societies under the general oversight of the faculty. The Hyperion society admits to membership both men and women; the Athenaean and Eulogian societies admit men, and the Clionian and Philotian societies, women.

In the Conservatory of Music the Euterpean society is open to music students.

No literary society or other student organization may be established without the consent of the faculty.

The Writers' Club.—Students whose work in the English Department is of sufficient merit to be published in the Gateway Magazine are eligible for membership in the Writers' Club.

Meetings of the club are held every two weeks when a literary program is given.

Debate and Oratory.—All matters pertaining to debate and oratory are under the charge of the Forensic Board. This Board is composed of one representative from each literary society, one from each class and three representatives from the faculty.

The college takes part in four intercollegiate oratorical contests. Of these, three are state contests: the State Intercollegiate, the State Temperance and the State Peace Oratorical Contests. The other is the Hamline-Macalester Senior Oratorical Contest. A preliminary home contest is held for each of these contests, making four home contests, for which suitable prizes are offered.

Interscholastic Forensic Competition.—Macalester College has taken a great interest in developing a more natural, effective manner of public speaking among the high schools of the state. To further that end it has organized the State High School Discussion League which is now starting on its seventh year, and the State High School League in Extemporaneous Speaking which is starting on its fifth year. The state has been organized into districts and the winners of the district contests come to Macalester the third week in February where the state contests are held. Macalester College furnishes medals for the winners of district and state contests and shields for the winning schools.

A circular containing detailed statement of the plan and rules of the contests can be obtained by addressing Professor Glenn Clark, Macalester College.

College Glee Club.—This is a strong student organization, firmly established and with a splendid record of accomplishment in the eight years of its existence. The club is under the direction of a faculty adviser.

The M Club was organized December 9, 1913. It was founded to keep those who have won the letter in touch with each other and to foster athletics. When a Macalester student has earned an M he becomes a member on the payment of one dollar initiation fee.

President, D. S. Doty, 109 North Snelling Avenue, St. Paul.

The Honor Scholarship Society

The society was organized in 1914 with twenty charter members. The aim of the society is to stimulate scholarship and intellectual interests in the college. It regards scholarship, intellectual leadership, originality and character as the requisites for eligibility to membership.

The society is now composed of fourteen active members. New members are chosen by the faculty in March of each year. Of these not more than four are taken from the sophomore class, the remainder from the junior and senior classes. Those selected from the sophomore class are chosen strictly on the basis of high standing as students, as shown by the records of the Registrar. Others are elected by ballot by the faculty from a list nominated by the advisers and heads of departments. Nomination is made on the ground of unusual proficiency in the student's major subject. After the above are chosen

the faculty may elect not to exceed two more from a list that includes worthy students not otherwise eligible. At the close of the school year members of the graduating class who have exceptionally fine records thru their senior year may be added to the society.

At graduation active members become graduate members of the society, and are entitled to all its privileges except voting. Members of the faculty are honorary members of the society. There are at the present time forty-eight graduate members.

The society has an active member's pin of silver, which is presented to each new member at the recognition exercises when he enters the society, and a graduate member's pin of gold, which is presented to graduating members at, or just preceding, the commencement.

The officers of the society are: President, Edith Marie Olson; Vice-President, Margarette Ralston McNaughton; Secretary, Alice Maulsby.

The Executive Committee of the society is composed of the officers named above with Professors Anderson and Clark.

The list of active members is as follows:

Calder, Grace
Haigh, Marion Ethel
Hynes, Myrtle Genevieve
Johnson, Florence Wilhelmina
McNaughton, Margarette Ralston
Maulsby, Alice
Medcalf, Bertha Louise
Olson, Edith Marie
Pratt, Dorothy
Schade, Elizabeth
Scidmore, Anna Belle
Scotton, George Eddy
Swift, Ruth Marjorie
Willson, Ruth Jay

Religious Life and Exercises

Macalester was founded as a Christian college. The atmosphere of the college has always been warmly religious. The Young Men's and Young Women's Christian Associations are large and active. The city offers much opportunity for religious work. In keeping with the purpose of the founders of the college the faculty makes the following requirements:—(1) all students registering for more than five hours a week in college studies are required to include the equivalent of at least one hour a week of Bible study for the year; (2) attendance at the daily chapel exercises of the college at ten o'clock in the morning is required of all college students without exception; (3) attendance at Sunday morning church services is

expected of all students and required of all who are not living at home with their parents. Students connected with churches either by membership or sympathies are expected to attend the church of their preference.

The Macalester Church has initiated a system of affiliated memberships, by which the student who wishes may retain his membership with his home church while at the same time coming into such relation with the local church at the college that he may feel that he has here a church home and center for his religious life. Students are urged to take advantage of this offered affiliation.

Physical Training and Athletics

Three dollars of the tuition fee for each semester are set apart for the support of athletics. Students are thereby entitled to admittance to all athletic contests at Macalester and to the use of the tennis courts, skating rink and other outdoor facilities.

Classes in physical training are conducted for young women in the gymnasium of Wallace Hall. Attendance is required of freshmen.

Teachers' Bureau

The college maintains a teachers' bureau as a means of communication between graduates and superintendents and school boards desiring competent teachers. Graduates will not be recommended to positions for which they do not give good evidence of fitness. A fee of one dollar is charged for enrollment in this bureau. Those desiring to make inquiry in regard to teachers should address The Teachers' Bureau, Macalester College, St. Paul, Minnesota.

Graduates who wish to enter other professions are assisted in obtaining positions for which they are qualified.

Publications

The following publications are issued from the college:—

The Macalester College Bulletin, a quarterly devoted to the advertisement and advancement of the institution.

The Mac, a triennial publication devoted to college interests, published by the college students.

The Macalester Weekly, a student publication established in 1914. It gives expression to student opinion upon matters of college life, and gives complete accounts of all college events. The editor-in-chief is Maurice E. Phillips.

The Gateway, a literary magazine published by the members of the English composition classes.

Expenses

Students' fees are paid at the beginning of each semester, before completion of registration and strictly in advance, as follows:—

Matriculation fee (new students)	$10.00
Tuition, regular student	60.00
Special student (not more than eight hours)	45.00
One dollar of the tuition for the first semester is applied on the salary of special coaches.	
Special fees—	
Biology 1, 2, 4, 5, 21	$3.50
Biology 19	3.00
Biology 3	2.00
Biology 6, 8	1.50
Chemistry 1, 6	7.00
*Chemistry 2, 3, 4, 7, 8, 9	5.00
Physics	3.00
Geology	1.00
Applied Mechanics	4.00
Homemaking	1.00
Mechanical Drawing	.50
English, 1, 2, 3	1.00
Diploma	5.00
Men's guarantee fee, (dormitory)	3.50

*This is a deposit fund. The actual fee charged will be based upon the cost of material.

No deductions are made except for sickness lasting a month or more.

Credits are withheld until all obligations are met.

From tuition fees the trustees, on recommendation of the faculty and students, appropriate the following amounts: athletics, $3; library, $2.50; band, orchestra, debate and oratory, 50 cents; "The Mac," 50 cents; "Mac Weekly," $1.25.

Refunding Tuition.—If a student leaves the institution at any time after entrance without the approval of the faculty, or because he has been suspended or dismissed, no money is refunded. Those withdrawing for other reasons, on or before the middle of a semester, will be allowed an equitable percentage on tuition paid.

Special Rates

1. Sons and daughters of ministers of any denomination are allowed a rebate of twenty per cent each semester on tuition.

2. All candidates for the ministry, of whatever church or denomination, are allowed a rebate of twenty per cent each semester on tuition upon the following conditions:—

(1) Candidates for the Presbyterian ministry shall be under the care of presbyteries, and shall present to the treasurer certifications to this fact from the clerks of the presbyteries. Candidates for the ministry of other denominations shall have their purpose to enter the ministry properly certified to by the proper ecclesiastical authorities.

(2) All such students will be held in honor bound to refund to the college treasury the amount of tuition rebated in the event of their abandoning their purpose to enter the ministry.

3. When more than one person from the same family attend college at the same time a rebate of $4 on tuition fee will be allowed to each person after the first. This rule does not apply to those receiving other privileges or rebates.

Rooms and Board

Room rents for all college buildings and board at Wallace Hall are to be paid in advance each month of twenty-eight days.

Wallace Hall for Women—
Board per week, each person $6.00
Room rent per week, each person 3.00

The trustees reserve the right, in view of possible fluctuations in cost of supplies, at the end of the first semester to raise or lower the charge for board.

Men's Dormitory—
Room rent per week, each person $1.75

All rooms have two occupants and the rentals include light and heat.
Men students board at The Commons, or in private families.
Board costs on an average $6.00 a week.
Rooms in private families per month, $6.00 and up.

Occupants of dormitory rooms are held responsible for their rooms for the semester unless obliged to withdraw from college.

Each student in the men's dormitories is required to deposit $3.50 (including deposit for key) as a guarantee against damage to college property, and to make it up to that amount at the opening of each semester thereafter. From this fund are deducted (1) charges for damage for which he is personally responsible; (2) charges (pro rata) for damage done in dormitories by unknown hands. The surplus, if any, is refunded to the students at the end of the year, or when they leave the dormitory.

Rooms

(1) **Furniture.**—All rooms in men's dormitories are furnished with bedsteads (two-thirds size), mattresses, pillows, dresser stand, bowl and pitcher, study table, book shelves and three chairs. The toilet room lavatory is supplied with hot and cold water. Students in the dormitories must provide their own bed clothing, towels, and carpets or rugs. In Wallace Hall there are single iron beds, mattresses, pillows, dresser, study table, two rockers, two study chairs, a lavatory with hot and cold water, steam heat and electricity. Floors are of hardwood.

(2) **Application.**—Application for room in the dormitories should be made by the first of May to the college office. Reservation fee is $3.00. This is applied on first month's rent. Rooms will not be held later than the opening of the term unless the room rent is advanced for the period of delay. In case applicants fail to come the reservation fee will not be returned. Rooms will be assigned in the order of application.

No deduction is made for vacations during school year either for board or room. Students are charged for their rooms until they are formally vacated—whether continuously occupied or not—and keys surrendered.

Each dormitory tenant is held responsible for the rent for the entire semester. A student may shift this responsibility by securing a new tenant not occupying dormitory quarters, but is relieved from the obligation only on withdrawal from the college for good reasons.

Students working for the college will have all bills due the college deducted from the amount due them before being paid for work performed.

Students who are in arrears at the end of any semester will be refused credits for the semester's work until all bills incurred by them have been paid; also future registration will be denied and no class work allowed until settlement satisfactory to the treasurer has been made.

Self-Support

Students desiring to do something toward defraying their own expenses can usually find some way of doing so. Many find work on Saturdays, in stores and other places of business, and have thus paid a large part of the expense of their board. Others have

earned their board by working mornings and evenings. It is seldom that any worthy, capable student with energy and tact fails to find some means by which he may work his way thru college, provided the summer vacation is improved to increase his income.

The Y. M. C. A. employment bureau has been organized to assist students in finding work. There are opportunities for work in stores and offices, caring for furnaces, waiting in clubs and carrying newspapers, and in many other ways dependent upon the student's fitness. Valuable suggestions as to employment and the financial side of college life are gladly furnished to prospective students on application and every effort to assist the new-comer is cheerfully made. Address all communications to Chairman Employment Committee, Macalester College, St. Paul.

Telephone

The college office telephones are Midway 0486 and Nestor 1722; Conservatory of Music, Midway 2656; Wallace Hall, Midway 0535; Men's Dormitory, Midway 0202; Dean of the College, Midway 0166; Dean of Women, Midway 1087; Purchasing Secretary, Midway 0201.

College of Liberal Arts

The *men of experiment* are like ants—they only collect and use.

The *reasoners* resemble spiders, who make cobwebs out of their own substance.

But the bee takes a middle course; it gathers the material from the flowers, but digests it by a power of its own.

So *true philosophy* neither chiefly relies on the powers of the mind, nor takes the matter which it gathers and lays it up in the memory, whole as it finds it, but lays it up in the understanding, to be transformed and digested. —*Francis Bacon.*

Entrance Requirements

General Statement

Entrance requirements are in harmony with the standards of the North Central Association of Colleges and Secondary Schools and the Association of American Colleges of which two organizations Macalester College is a member.

The satisfactory completion of fifteen units of properly coordinated work is required for admission to the freshman class of the college. The following units are required: three in English, one in Algebra and one in Geometry. Not more than four units in vocational subjects (including Agriculture, Commercial Work, Domestic Science and Manual Arts) may be presented. It is strongly recommended that the student submit two or more units of consecutive work in some foreign language. By a unit is meant four or five recitation periods a week in a subject, carried thruout a year of thirty-six weeks. The recitation periods must be not less than forty minutes in length.

Macalester College has for some time been unable to accommodate all who apply for admission. It therefore lays down certain principles of selection in justice to the students and to itself.

First, the student should have sufficient capacity and adaptability to profit by attendance at the college. Capacity is indicated by the application blank filled out by the student's high school principal. The college may, at its discretion, require mental tests, in addition. Adaptability will usually be determined, in a preliminary way, thru a conference with the President. In the case of students who live at a distance correspondence and recommendations may take the place of an interview.

Second, the college will give the preference to students who plan to stay a longer period of time over those proposing to remain a shorter time. Accordingly, applicants are required to state their plans with respect to college and technical education. Applicants expecting to remain at Macalester College for a full three or four years will receive the preference. If accommodations remain a certain number of serious students expecting to remain two years will be admitted. The entrance of students expecting to remain but a single year is discouraged.

Admission by Certificate

From Accredited High Schools and Academies.—Graduates of accredited high schools and academies requiring a four-year course are admitted without condition to the freshman class, subject to the requirement of the preceding paragraph. Accredited schools are those on the list of the North Central Association of Colleges and Secondary Schools, the list of Minnesota high schools prepared by the State Superintendent and similar lists of the high schools of other states.

Applicants for admission to the freshman class should apply to the Registrar for the Applicant's Admission Blank, which should be filled out by the principal of the high school or academy in which their courses were taken, and mailed by him to the Registrar by the first of August.

From Unaccredited High Schools and Academies.—Graduates of such schools should secure the Applicant's Blank from the Registrar of the college, and have it filled out and sent to the Registrar as in the case of Accredited Schools. The credits will then be evaluated by the Matriculation Committee of the College and if satisfactory the student will be admitted.

Admission by Examination

Students not presenting certificates as provided for above must present a course of study equal to a four-year high school course. Such students will be examined in the course presented by them and will be admitted to freshman standing on passing the examination satisfactorily. These examinations will be given on the Monday and Tuesday preceding the opening of the college in September.

Suggestions to Students Preparing for Macalester College

The following suggestions respecting high school courses are not mandatory, but may be of value to future college students, now in high school or academy.

Suggested Units.—Students intending to major in Groups I or II (see page 36), are advised to present the following units for entrance:

English 4
Latin 4
Modern Language 2
Algebra 1½ or 1
Geometry 1½ or 1

The remaining units may be selected from the following:

History 1 or 2
German 2
Greek 2
French 2
Chemistry 1
Botany ½ or 1
Physics 1
Civics ½
Physiology ½ or 1
Zoology ½ or 1
Physical Geography ½ or 1
Manual Training ½ or 1

Students intending to major in Group III are advised to present the following ten units:

English 4
German or French 2
Chemistry or Physics 1
Algebra 1½
Geometry 1½

The remaining five units may be selected from the following:

Chemistry (if not above) 1
Botany ½ or 1
History ½, 1 or 1½
Zoology ½
French 1 or 2
Manual Training ½
Physics (if not above) 1
Physiology ½
Greek 1 or 2
Physical Geography ½ or 1
German 1 or 2
Civics ½

Suggested Courses of High School Study.—The following courses of study are suggested to students now in high schools who are preparing for entrance to Macalester College. Courses such as these will furnish substantial preparation for the work of the college and will articulate well with its courses:

Composition and Rhetoric 2 units
Literature 2 units
Algebra 1½ unit
Geometry 1½ unit
Latin 2 or 4 units
Greek, French or German 2 units
History and Civics 2 units
Natural Science 2 units

Admission with Advanced Standing

From Other Colleges.—Students coming from reputable institutions of collegiate grade should present letters of dismissal and are then given standing in Macalester College, allowing a fair equivalent on the course here for work done elsewhere.

Students with failures in another college cannot be transferred to Macalester without the loss of other credits based upon an estimate of their abilities. No one dropped from the rolls of another institution because of low standing will be accepted at Macalester during the same college year.

From Normal Schools.—Credits from Normal Schools are to be reckoned according to the nature and quality of the work presented as judged by the Registration Committee. This committee consists of the Registrar and the Dean.

From High Schools and Academies.—Ordinarily, no credit will be allowed on the college course for excess units of work done in the high school or academy. A student asking for such credit should note the following conditions:—

(1) No credit will be allowed except for an excess beyond seventeen units of high school or academy work.

(2) No credit will be allowed except after an examination by the college instructors to whose departments the subjects belong.

(3) In no case will credit be given for more than half the time which the subjects consumed in the preparatory school course.

(4) The Matriculation Committee will decide which of the student's excess units may be submitted for college credit.

All credits from other institutions, for which the student wishes credit in this institution, must be presented at the time of registration. Credits presented later from other institutions will not be considered.

Requirements for Graduation

The College of Liberal Arts offers courses leading to the degree of Bachelor of Arts.

One hundred and twenty-seven credits are required for graduation, the term credit meaning one hour a week for one semester in class room or two hours a week in laboratory. These credits must be secured with reference to the group from which the student has chosen his major, as follows:

Required in All Courses.—

(1) 9 credits in Religious Education, Mental Science 2, and Vocation 1.

7 credits selected from Greek 9, History 3, Mental Science 11 and Religious Education.

At least two of these credits must be secured each year.

(2) 6 credits in English 1.
(3) 6 credits in Social and Political Science and History.
(4) 3 credits in Mental Science 1.
(5) 1 credit in Personal Hygiene.

32 credits required of all.

Major in Group I.—

(1) 28 credits in a foreign language.
(2) 14 credits in a second foreign language.

Of the above (1) and (2) at least 14 credits must be secured in college. In the case of the second language two high school units (12 credits) will suffice, but the total for both must be 42.

(3) 12 credits in Group III.
(4) 20 credits in the major subject.

Major in Group II.—

(1) 28 credits in one or two foreign languages. No language shall count toward this requirement in which the student offers fewer than 14 credits (or two high school units). Any part or all of this requirement may be met by entrance credits from high school.
(2) 18 credits in Group II other than the major subject and Religious Education.
(3) 12 credits in Group III.
(4) 20 credits in the major subject.

Major in Group III.—

(1) 8 credits in Mathematics 1 and 2.
(2) 14 credits in a modern language unless the student has presented 18 entrance credits in a modern language or 12 credits in one language and 6 in another.
(3) 18 credits in two subjects in Group III other than the major.
(4) 20 credits in major subject.

Extra-Curricular Credits.—For all such types of activity as Glee Club, oratory, debate, dramatics, Mac Triennial, Mac Weekly, choir, etc., no student is permitted to receive more than two credits in any one year.

Points Required for Graduation.—In addition to the one hundred and twenty-seven credits mentioned above is required; an equal number of honor points, granted as follows: for each credit toward graduation earned by the student with a mark of A, three honor points are given; for each credit with a mark of B, two honor points; for each credit with a mark of C, one honor point. A mark of D carries with it no honor points.

Courses for the Freshman Year

In the Freshman year the student is required to select one of the following courses according to the group in which his major will probably be.

GROUP I.

Religious Education 1, 2 hours
Vocation 1, 2 hours
English 1, 3 hours
Latin, Greek, French or German (to complete requirements above), 4 hours
One subject from Group III
Elective
Personal Hygiene
Physical Education

GROUP II.

Religious Education 1, 2 hours
Vocation 1, 2 hours
English 1, 3 hours
Latin, Greek, French or German (to complete requirements above), 4 hours
One subject from Group III
One subject from Group II
Personal Hygiene
Physical Education

GROUP III.

Religious Education 1, 2 hours
Vocation 1, 2 hours
English 1, 3 hours
Latin, Greek, French or German (to complete requirements above), 4 hours
Mathematics, 4 hours
One subject from Group III
Personal Hygiene
Physical Education

The elective courses for the freshman year are:—

Religious Education 1 (second semester)
Biology 1, 2
Chemistry 1
Expression 1
Foreign Language
History 1, 5, 6
Mathematics 1a, 1, 2, 9
Music
Applied Mechanics 1
Mental Science 1, 2
Social Science 1, 11

Language requirement must be completed if possible by the end of sophomore year.

Science requirements of the student, whose major is in Group I or II, must be completed by the end of the junior year.

History and social science requirements must be completed by end of junior year.

Majors and Minors.—Each student who is working for a degree must elect by the beginning of the junior year, under restrictions stated below, one major and two minors from the sixteen following departments:—

GROUP I.

1. English
2. French
3. German
4. Greek
5. Latin
6. Spanish

GROUP II.

1. History
2. Music
3. Philosophy and Education
4. Religious Education
5. Social and Political Science
6. Social Service

GROUP III.

1. Biology
2. Chemistry
3. Mathematics
4. Physics

Terms Defined.—A *major* consists of twenty credits obtained in one department.

A *minor* consists of twelve credits obtained in one department

Restrictions on Choice.—

(1) At least one of the minors must be in a different group from the major. The minors are subject to the approval of the student's adviser.

(2) The following courses are not counted toward a major or minor:—Bible 1 (one semester) and 2, Chemistry 10, English 1, Mathematics 1a and 9.

(3) French 1-2, German 1-2, Greek 1a, Latin 1-2 and 3-4, Spanish 1, Mathematics 1a and 9, Mental Science 1, Physics 1 and Social and Political Science 1 and 11 are not counted toward a major. In Physics students must present one year of high school work in the subject in order to begin a major or minor.

Five Students Required for a Class.—The college does not hold itself bound for instruction in any elective course for which

fewer than five students make request to the Registrar. Such classes may, however, be organized at the option of the instructor.

Theses.—On or before the opening of the second semester of his junior year, each candidate for a degree shall select the subject of a thesis connected with the subject which he is making his major. This subject must be chosen in consultation with the head of the department to which the student's major belongs and with his approval.

The completed thesis shall be typewritten and filed with the Librarian on or before the first of April preceding the student's graduation. The adviser is authorized to extend the time, for sufficient reason, to a date not later than the first of May. Such thesis must be prepared according to regulations to be obtained from the Librarian, and must bear the signed approval of the head of the department. Further, these theses must be accompanied by a complete bibliography of works consulted and analysis. Ordinarily, they will not be accepted if they exceed 6,000 words in length.

Classification of Students

Classification without Conditions.—For freshman classification, as stated before, fifteen units of acceptable high school work or their equivalent; for sophomore, thirty-two college credits in addition to the entrance requirements; for junior, sixty-four credits in addition to the entrance requirements; for senior, ninety-six credits in addition to the entrance requirements.

Classification with Conditions.—A student is classified as sophomore on gaining twenty-four college credits; he is ranked junior on obtaining fifty-four college credits; he is ranked senior on obtaining ninety college credits.

All conditions from previous years must be removed by the end of the first semester of the senior year.

Change of Course.—Registration at the beginning of the semester fixes the course of study for the student. After that no change is permitted without the written consent of the instructors concerned and the student's adviser. Dropping a subject comes under this rule.

After four weeks from the opening of college no card for dropping or electing courses shall be signed except by special permission of the faculty.

Unfinished Courses.—Students who drop a year course at the end of one semester lose all credit in that course unless some distinct phase of the subject is completed; in which case, the instructor may grant the credit.

Attending Courses as a Visitor.—Upon the approval of the adviser, a student shall be permitted to attend not to exceed four hours a week in classes for which he is not regularly registered. No credit is allowed for such attendance.

Preparation for Vocations

The system of majors and minors and the elective system in use here permit the student to frame his college course with some reference to his future vocation. In general the student will find the following courses helpful to him in his future vocational study.

For the Study of Medicine.—The following course is strongly advised for students who are preparing for the study of medicine. Those taking such a course are given a bachelor's degree upon the satisfactory completion of the first year's work in a recognized medical school.

Freshman Year	Sophomore Year	Junior Year
Chemistry 1 and 3	Biology (General Zoology and Vertebrate Anatomy)	Organic Chemistry
English	French or German	Histology and Human Physiology
French or German	History or Social Science	Psychology and Ethics
Mathematics 1 and 2	Physics	Elective
Vocation and Religious Education	Religious Education	

For the Study of Law.—The value of a full college course in preparation for the study of law cannot be disputed. Macalester offers a number of courses that are invaluable to law students, and a college course arranged with this group of subjects as a nucleus is suggested below, showing also the possibility of a well rounded college course that is designed to develop the best that is in the student.

Suggested Course to Law Students

Freshman Year

English
Foreign Language
Vocation and Religious Education
Sociology and Economics
Science
History

Sophomore Year

Public Speaking and Argumentation
Foreign Language
Religious Education
History of Economic Theory
Psychology and Ethics

Junior Year

Roman Law and Jurisprudence
English Constitutional History
Debate and Oratory
Religious Education
Electives

Senior Year

International Law
History
Religious Education
Electives

Social Service Course.—To meet the imperative needs of our time, and in full sympathy with the practical application of Christian principles to modern conditions, the course in social service, leading to the A. B. degree, has been prepared. The student with a professional or technical career in view will find in it a solid foundation for his later special training, while those pursuing the other courses may select such numbers as will fit them to act well their parts as social citizens in the communities in which they are to live.

Macalester, by its traditions and point of view, is peculiarly well adapted to a study of this nature. Moreover, the Twin Cities and environs afford an excellent opportunity for laboratory and research work. Supplementing the resources of the college are many agencies such as the great libraries of St. Paul and Minneapolis, and a large number of public institutions of various kinds.

For the Christian Ministry and Missionary Teaching.—The department of religious education and the electives in Greek Testament, philosophy, ethics and history offer a course well adapted to those who have the gospel ministry in view. Those, too, who are preparing to be missionary teachers will find in the wide range of Bible study pursued in the college an indispensable and very attractive adjunct to their course.

For Teaching.—The college has made special provision for the needs of students who wish to fit themselves for the teaching profession. The student should remember that there is the content side of his preparation and the technical side. The former part of the preparation he will obtain by directing his college studies thru the majors, minors and elective studies to the subjects which he will teach, with their related topics. The latter he will find in the courses in sociology, psychology, logic, ethics, history of philosophy, history and principles of education. This preparation will then be supplemented by practice work to increase his insight into the principles of his profession and give him skill.

Attention of young men is invited in particular to the laboratory shop courses and manual training teachers' course which, in connection with the science courses, fit men for positions for which there is at present great demand.

For Business and Technical Vocations.—If a student has chosen his vocation before entering college special courses are offered to help him find his capacities and to develop them. He is given a thesis for his vocation that he may gather data about it. By the

use of psychological methods he builds up abilities to fit him for particular positions and to guide him into a knowledge of his vocation. He is taught how to use the college courses for this purpose.

Senior Electives in Professional Schools.—Students intending to study for some profession, who are obliged to shorten their course in preparation, may in the following manner save one year while still obtaining their degrees. After completing three years of the college course and being enrolled for the fourth year they may take the first year of a professional course in any school approved by the faculty in place of the work of the senior year.

Conditions Required.—This will be permitted subject to the following conditions: first, the required studies of the college must be completed in every case; secondly, a certificate must be presented from the professional school showing the successful completion of the work of the first year in that school.

Vocational Guidance—Thru the Vocation Department other courses can be suggested leading to callings not already mentioned. The President of the college acts as special vocational counselor for all students.

Student Advisers

For registration, advice and supervision all students will be assigned to faculty advisers. Each faculty member will have from fifteen to twenty students, making it possible for each student to receive special attention in regard to his course. The adviser directs the student in the arrangement of a course of study in harmony with his tastes or prospective vocation. The aim of this system of advisers is more intensive and consistent courses of study, vocational direction, timely warning to laggards and closer and more friendly cooperation. Assignments to an adviser are made by the Dean of the College, with the purpose of securing to each student that adviser who will be of the greatest service to the student. When students have definitely fixed upon a vocation in life they will be assigned to that member of the faculty whose department is most akin to the work they have in view. Students who have fixed upon their major study will be assigned to the head of the department to which that major study belongs.

Courses of Study

Biology

ADJUNCT PROFESSOR HOPKINS

The courses have been so arranged that it is possible to choose work either of a general or a special nature. Students wishing a well rounded education will be able to select work which will meet their needs and in which the cultural aspect is emphasized. Choices should be made from the following: Biology 1, 3, 6, 7, 8, 21.

Those preparing to teach Biology in high schools will be able to choose suitable work and will be given opportunity for practice in laboratory instruction, grading of papers and note books, and the planning of high school courses. The following courses are suggested for Zoology: Biology 1, 2, 3, 8, 20; for Botany: Biology 20, 21, 22, 23. For work suited to the needs of the pre-medics, the following are recommended: Biology 1, 2, 4, 5.

Courses 1 and 21 together count three credits toward a major.

1. **General Zoology.—**
Biological principles as illustrated by animals. Representatives of the phyla of the invertebrates are studied with reference to structure, functions and relation to environment. Work is done in laboratory on the typical forms.
First semester, three credits.

2. **Vertebrate Anatomy.—**
Comparative anatomy and classification of vertebrates. One representative of each class is studied in the laboratory.
Prerequisite, course 1, second semester, three credits.

3. **Human Biology.—**
Lectures, recitations and demonstrations on the structure and functions of the human body. Extensive use is made of anatomical charts and models. Attention is given also to personal hygiene.
Prerequisite, course 1, second semester, three credits.

4. **Vertebrate Embryology.—**
A study of the development of the frog, the chick and the pig.
Prerequisite, course 2, first semester, three credits. Not offered 1921-22.

5. Vertebrate Histology.—
An elementary study of the microscopic structure of the tissues and organs of vertebrates. Methods of preparing material for study.

Prerequisite, course 2, first semester, three credits.

6. Entomology.—
The structure, life histories and economic importance of the principal groups of insects. Field work required.

Prerequisite, course 1, second semester, three credits.

7. History and Theory of Biology.—
A study of the lines and work of the more important men who have shaped biological thot. A discussion of some of the theories of evolution and heredity.

Prerequisite, course 1, second semester, two or three credits.

8. Bacteria in Relation to Disease and Sanitation.—
This is a course of lectures suited to the general or special student who desires to have an intelligent idea of the cause and prevention of some of the important diseases.

Prerequisite, course 1, first semester, 1 credit.

19. Individual Course.—
Advanced students may, with the approval of the head of the department, take up lines of work not covered in the regular courses. Such work will consist of laboratory exercises and assigned readings.

First or second semester, or one year, two or four credits.

20. Teacher's Course.—
For those who intend to teach biology in high schools. Practical work given in the laboratory. Conferences on methods of teaching and reviews of text-books. Credit cannot be given for one semester's work.

Prerequisite, courses 1, 2, 21, 22. One year, four credits.

21. General Botany.—
A study of the principles of biology as illustrated by the plant. The main topics treated are living matter, cellular organization, general structure, physiology and reproduction of the larger groups.

First semester, three credits.

22. The Flowering Plants.—

Lectures and recitations on the structure, adaptation and classification of the higher plants. Laboratory work on vascular tissues and flower structure and analysis. In the spring a study will be made of the trees and flowers of the region.

Prerequisite, course 21, second semester, three credits.

23. Cryptogamic Botany.—

This course deals with the lower forms of plant life in their relation to each other. Emphasis is placed upon those forms that are of economic importance, such as bacteria, yeasts and the fungi that cause plant diseases.

Prerequisite, course 22. First semester, three credits. Not offered 1921-22.

Chemistry

PROFESSOR JONES

1. General Inorganic Chemistry.—

The course includes a thoro study of the principal elements and their compounds, their occurrence in nature, preparation in the laboratory, etc.; also an introduction to the study of qualitative analysis.

One year, seven hours a week, eight credits. Six credits will be allowed seniors taking this course.

This course counts four credits toward a major or minor if the student's grade is B or better.

2. Advanced Inorganic Chemistry.—

This is a continuation of course 1, with an introduction to physical chemistry.

Prerequisite, course 1. One year, six hours a week, six credits.

3. Qualitative Analysis.—

Lecture and laboratory work, including the detection and separation of the metals and the identification of the acids. The last few weeks of the year are spent in the analysis of specimens of rock and earth. Instead of this the student may make a study of materials used as paint pigments and the methods used in paint analysis.

Prerequisite, course 1. One year six or eight hours a week, six or eight credits; or second semester, twelve hours a week, six credits.

4. Quantitative Analysis.—

Lecture and laboratory work. This includes an introduction to the gravimetric and volumetric analysis and a study of the methods of determination of atomic weights.

Prerequisite, courses 1 and 3. One year, six or eight hours a week, six or eight credits.

5. Organic Chemistry.—

A course of lectures on organic chemistry, including a study of the aliphatic and aromatic compounds. The chemistry of foods, oils, explosives, etc., is considered. Some of the important compounds are prepared before the class. A laboratory fee of one dollar is charged, except when course 6 is also taken.

Prerequisite, course 1. One year, three hours a week, four credits.

6. Laboratory Course in Organic Chemistry.—

To be taken with or upon completion of course 5. Organic compounds are prepared and studied. Quantitative results are expected. This course should be taken with course 5, when possible.

One year, six hours a week, four credits.

7. Advanced Organic Chemistry and Qualitative Organic Analysis.—

This course is a continuation of courses 5 and 6. The detection of common food adulterants will receive attention.

Prerequisite, courses 1, 2, 3, 5 and 6. One year, six hours a week, six credits.

8. Food Analysis.—

Milk and butter analyses receive special attention.

Prerequisite, courses 1, 3 and 4. One year, six hours a week, four credits, or one semester, twelve hours a week, four credits.

9. Water Analysis.—

Prerequisite, courses 1, 3 and 4. One semester, six hours a week, three credits.

10. Teachers' Course.—

This course is designed for those who intend to teach chemistry. They are given practical work in the laboratories, instructing students beginning chemistry, preparing solutions, etc. A course of lectures is given on the teaching of chemistry.

Prerequisite, courses 1 and 3. One year, three or six hours a week two or four credits. No fee is charged.

Credits not counted toward a major or minor.

11. Chemistry of Foods.—

A lecture course on foods, their sources, values and conservation.

Second semester, two hours a week, two credits.

Education

PROFESSOR ANDERSON

1. Principles of Teaching.—

A course in teaching for prospective teachers in secondary schools. The course includes the physical and mental characteristics of the adolescent pupil; the cultivation of proper methods of study on the part of the pupil; the general methods of teaching with illustrative applications. Instruction is by means of text-book, lectures, collateral readings, quizzes. Reports on visits and observations in the city schools are required. Each student in this class must present, not later than February the first, a complete set of plans for twenty consecutive lessons in an approved subject.

Prerequisite, twenty-four credits. First semester, three hours a week, three credits. Students taking this course are advised to register at the same time for Philosophy 1, unless they have already obtained credit in that course. Required for faculty recommendation for teaching.

2. Administration and Management.—

This course opens with a preliminary sketch of the origin of our school system. Then follows a study of the organization and administration of our schools. Attention will be given in particular to the secondary school system. Here are included the rise and growth of high-schools, their purposes, kinds, curricula, etc. The course concludes with a discussion of the problems of class management.

Prerequisite, twenty-four credits. Second semester, three hours a week, three credits.

3. History of Education.—

A general course in the history of education. It includes ancient oriental education, education in Greece and Rome, and through the medieval times. A fuller treatment is accorded the educational movements from the Renaissance to the present. The purpose is not only the possession of the facts, but also the application of them to the interpretation of present theory and practice. Students taking this course are advised to take a course in European history, if they have not already done so. Instruction is by means of text-books, lectures, and collateral readings.

Prerequisite, twenty-four credits. First semester, three hours a week, three credits.

4. Present Systems and the Philosophy of Education.—

This course takes up the work where the previous course leaves

off, with a study of some modern educational systems. Chief attention is given to a study of the British, German and French systems in comparison with our own. Each student is required to make a study of some phase of foreign education and prepare a careful written report on it. The study of the modern systems is then used as a basis for a consideration of the aims of education immediate and remote. The student is encouraged to formulate to some extent his own philosophy of education.

Prerequisite, course 3. Second semester, three hours a week, three credits.

For further courses in Education, see the various departments of instruction in the college; and, further, all courses in the department of Mental Sciences and Philosophy.

The following courses are included in this department:—

Biology 20
Chemistry 10
English 11
French 7
German 11
History 10, 11, 16
Latin 16
Mathematics 7
Applied Mechanics 2
Physics 5
Religious Education 8

The work in practice teaching is given in connection with the courses in teaching in the various departments, as given above, and is in the care of the heads of those departments.

English

PROFESSORS JOHNSON, CLARK, WHITRIDGE, MCRAE, MISS KELLOGG AND MISS DOTY

This department offers a major in English Literature and a minor in Expression or English Composition. Courses offered as English Composition may be counted toward a major in English Literature.

1. Composition and Public Speaking

1. Composition.—PROFESSORS CLARK AND MCRAE; MISS KELLOGG AND MISS DOTY

This course is required of all freshmen. Its purpose is to give the student practice in speaking and writing and to lay a foundation for future work in English.

One year, three hours a week, six credits.

2. **Expository Writing.**— PROFESSOR CLARK
Attention will be given to the organization and presentation of material, but the chief emphasis will be placed upon the development of the sources of originality of the student himself. The best work will be published in the Gateway Magazine.
Second semester, two hours a week, two credits.

3. **Short Story Writing.**— PROFESSOR CLARK
This course is designed for those who wish to attempt advanced work in narrative writing. The best stories written in this course will be published in the Gateway Magazine.
First semester, two hours a week, two credits.

4. **Newspaper Writing.**— PROFESSOR CLARK
(a) Introductory Course—This course introduces beginners to the theory and practice of journalism. Students wishing appointment to the Mac Weekly staff are advised to register for this course.
First semester, one credit.
(b) Advanced course.
Prerequisite, course 1, second semester, one credit.

5. **Seminar in Advanced Composition.**— PROFESSOR CLARK
This course is designed for those who have done or wish to do some original writing outside of the regular class room work. No student should enroll for this course until he has consulted the instructor.
Prerequisite, fifty-four credits. One semester, one hour a week, one credit.

6. **Play Writing.**— PROFESSORS CLARK AND WHITRIDGE
One year, three hours a week, six credits.

7. **Public Speaking.**— PROFESSOR CLARK
The object of this course is to correct a student's faults in public speaking and enable him to present a message effectively from the platform.
First semester, two hours a week, two credits.

8. **Argumentation and Debate.**— PROFESSOR CLARK
A study and analysis of great debates by Calhoun, Webster, Lincoln and others. Abundance of practice is given in drawing up of briefs and in actual debating.
Prerequisite, twenty-four credits. Second semester, two hours a week two credits.

9. Extemporaneous Speaking.— PROFESSOR CLARK

Prerequisite, twenty-four credits. Second semester, two hours a week, two credits. Not offered 1921-1922

10. Seminar in Debating and Oratory.—

Open to those who represent the college in intercollegiate debates and in the state oratorical contest.

One semester, two hours a week, two credits.

11. Teachers' Course.— PROFESSOR CLARK

This course is designed to prepare students to teach English in secondary schools. The work consists of lectures, reports and actual practice teaching.

First semester, two hours recitation, two hours practice work, three credits.

13. English Philology.— PROFESSOR CLARK

Second semester, two hours a week, two credits.

15. World Masterpieces.— PROFESSOR CLARK

The course consists of an intensive study of the Book of Job, Homer's Odyssey, Dante's Inferno, Shakespeare's Othello, and Goethe's Faust.

Prerequisite, 54 credits. First semester, three hours a week, three credits.

2. English Language and Literature

PROFESSOR JOHNSON

22. American Literature.—

Lectures and critical reading of selected authors; themes on assigned reading.

Prerequisite, course 1. One year, three hours a week, six credits.

23. Old English.—

A study of the language, and reading of selections from the Old English Chronicle, King Alfred, Aelfric and the simpler poetry; Beowulf.

Prerequisite, course 1. One year, three hours a week, six credits Not offered 1921-1922.

24. English Literature.—

The aim of this course is to emphasize the main facts in the development of English literature from the seventh century until about 1600. Chaucer and Spenser are extensively read and discussed.

Prerequisite, course 1. One year, three hours a week, six credits.

25. English Literature.—
Shakespeare and Milton.

One year, three hours a week, six credits. Not offered 1921-1922.

26. The Drama in England.—
Special attention will be given to the writings of the minor dramatists of the Elizabethan period. While the course deals chiefly with the English drama, attention will be given to other literatures.

Prerequisite, courses 1, 24 and 25. One year, three hours a week, six credits. Not offered 1921-1922.

27. History of Literary Criticism.—
A study of the principles governing literary composition.

Prerequisite, courses 1 and 24. First semester, three hours a week, three credits.

28. Browning and Tennyson.—
A comparative study.

Prerequisite, courses 1, 24 and 27. Second semester, three hours a week, three credits.

29. The English Novel.—
Its rise and development.

Prerequisite, courses 1 and 24. One year, three hours a week, six credits. Alternate for course 26.

Any of the above courses may be elected by the semester.

3. Expression

ADJUNCT PROFESSOR WHITRIDGE

A. Elocution and Voice Training.—
1. Theory. The principles underlying the art of expression and literary interpretation.
2. Practice. Deep breathing. Correction of voice faults and mannerisms. Factors of expression. Analysis and interpretation of the classics. Reading and speaking.

One year, three hours a week, four credits.

B. Literary and Dramatic Interpretation.—
Pantomime. Adaptation of the short story and play for platform work. Story telling. Scenes and original presentations.

Prerequisite, course A. One year, two hours a week, four credits.

C. Shakespeare and Modern Drama.—
Analysis and presentation.

Prerequisite, courses A and B. One year, two hours a week, four credits.

French

ASSOCIATE PROFESSOR PASMORE AND MISS KELLOGG

1-2. Elementary French.—
Essentials of grammar, conversation, reading of easy texts, memorization of a few short poems, and dictation. This course is intended for those who have had no French.

One year, four hours a week, eight credits.

3. French Readings.—
Brief review of French grammar. Composition, conversation, and the reading of a number of nineteenth century French texts.

Prerequisite, course 1-2 or two years of high school French. One year, three hours a week, six credits.

4. Survey of French Literature.—
A course based on some elementary history of French literature like Pellissier's or Doumic's, with readings of extracts and a few entire works from the most important French writers. Lectures, outside readings, and reports.

Prerequisite, course 3 or an equivalent. One year, three hours a week, six credits.

5. French Novel.—
A brief survey of French fiction from the beginning, and special attention to French romances and novels from the seventeenth century on. Text used, Morrillot's Le Roman en France. Lectures, outside readings, reports.

Prerequisite, course 4. One year, three hours a week, six credits

6. French Drama.—
A course based on Petit de Julleville's Le Theatre en France. Lectures, outside readings, reports.

Prerequisite, course 4. One year, three hours a week, six credits.

7. Teachers' Course.—
Phonetics, advanced grammar, practical composition and conversation. Discussion of texts, reference books, journals, etc., and methods of teaching. Required of all who wish to teach French; optional with others. This course should be taken in the senior year.

One year, three hours a week, six credits.

8. French Poetry.—

A study of prominent works of important French poets, and of French songs, combined with a brief treatment of French verse structure. Lectures, readings, reports.

Prerequisite, course 3 or an equivalent. One year, three hours a week, six credits.

9. French Classics.—

Study and discussion of masterpieces of French literature from the seventeenth century on, of one or more writers of each century. Lectures, readings, reports.

Prerequisite, course 4 or an equivalent. One year, three hours a week six credits.

A major in French requires continuous work in the language thruout the college course, unless French is presented upon entrance. It is highly desirable that Latin be presented as a basis for French.

Geology

PROFESSOR ALEXANDER

1. General.—

A general study of the forces at work within and upon the surface of the earth, the structural forms which these forces have produced and the history of the earth and the life upon it. Illustrated lectures combined with recitations and quizzes upon text work assigned. Field work for the study of local geology.

One year, three hours a week, six credits.

2. Mineralogy.—

A short course in mineralogy including a brief study of crystal forms and practical methods for the identification of the common minerals.

Prerequisite, Chemistry 1. First semester, three hours a week, three credits.

3. Fossil Biology.—

A short course in fossil biology. This includes a study of the methods used for collecting, identifying and interpreting fossil forms and their life relationship.

Prerequisite, elementary biology or geology 1. Second semester, three hours a week, three credits.

German

ASSOCIATE PROFESSOR CHALFANT AND MR. GROSSHUESCH

1-2. Elementary German.—

Essentials of grammar, reading, conversation. This course is intended for students who have had no German.

One year, five hours a week, ten credits.

3. Intermediate German.—
Reading of prose and the easier dramas of Schiller and Lessing. Review of grammar; composition; conversation.

Prerequisite, course 1-2 or two years of high school German. One year, four hours a week, eight credits.

4. Modern Prose and Drama.—
General reading course.

Prerequisite, courses 1-2 and 3 if the language was begun in college. Those presenting three years of high school German may either elect this course or one of courses 5, 6, 7, 12. One year, three hours a week, six credits.

5. Reading of selections from the epic in a modern German translation, followed by a rapid reading of Wagner's Der Ring der Nibelungen. Lectures on the interpretation of the mythology of both.

Second semester, three hours a week, three credits.

6. Survey of German Literature.—
A general survey course up to the classic period; readings and reports.

One semester, three hours a week, three credits.

7. Lessing.—
A brief study of his life and times and the reading of at least two of his important works.

First semester, three hours a week, three credits. Not offered 1921-1922.

8. Schiller.—
A rapid survey of his life and the reading of several of his dramas and his most important poems.

Second semester, three hours a week, three credits. Not offered 1921-1922.

11. Composition and Teachers' Course.—
Advanced syntax and practical composition; conversation. In the second semester a sufficient amount of time will be devoted to methods of teaching, text books, phonetics, etc. Required of all those who desire to teach German; with others optional.

One year, three hours a week, six credits. Senior year preferred.

13. Medical German.—
Readings from general works on physiology, anatomy and bacteriology.

One year, three hours a week, six credits.

Greek

PROFESSOR HALL

Course 1a is not counted toward a major.

1a. Grammar.—
A study of the elements of the language. Drill in form, vocabulary, syntax and composition. Readings from Xenophon's Anabasis.

One year, five hours a week, ten credits.

1. Xenophon or Lucian.—
The Hellenica, Books I and II, with discussion of the earlier stages of the Peloponnesian war or Lucian's Charon or Timon and selected short dialogues, with a survey of the literary and social conditions of the age.

First semester, four hours a week, four credits.

2. Homer or Herodotus.—
The Iliad, Books I-IV in literary and grammatical study; or Herodotus, stories, and selections from Book VII, with a careful consideration of accidence and syntax, of the Ionic dialect.

Second semester, four hours a week, four credits.

3. Athenian Orators.—
Selected orations of Lysias and Demosthenes. Theme work on Isaeus, Isocrates and others. Athenian legal procedure.

Prerequisite, course 2. First semester, three hours a week, three credits.

4. Plato.—
The Apology and Crito. Socrates and his teachings, with readings from Xenophon's Memorabilia.

Prerequisite, course 2. Second semester, three hours a week, three credits.

5. The Drama.—
Selected plays of Aeschylus or Euripides and Aristophanes. Rise and development of tragedy and comedy. The Greek theater and production of plays.

Prerequisite, courses 1, 2, 3 and 4. First semester, three hours a week, three credits.

6. English Course in Greek Literature.—
Studies in the elegiac, lyric and dramatic poets of Greece for students having no knowledge of Greek.

Prerequisite, twenty-four credits. First semester, two hours a week two credits.

7. The Odyssey.—
Selections from Books I-XII. Sight reading. Literary study of the whole poem from the English translations of Palmer and of Butcher and Lang.

Prerequisite, courses 1, 2, 3 and 4. Second semester, three hours a week, three credits.

8. Lyric Poetry.—
Selections from the elegiac and lyric poets.

Prerequisite, courses 1, 2, 3 and 4. Second semester, two hours a week, two credits.

9. The Greek Testament.—
This course is intended not only for candidates for the ministry but for any who have studied classical Greek and who wish to acquire a reading knowledge of the New Testament in the original Greek. The aim is to master a good working vocabulary, the main characteristics of New Testament Greek and to get some practice in Greek exegesis.

Prerequisite, Greek 1. One year, two hours a week, four credits.

10. Classic Mythology.—
A study of the more important myths of Greece and Rome with special attention to their use in English literature.

Second semester, two hours a week, two credits.

History

PROFESSORS FUNK AND MCRAE AND MISS BRIGGS

Students who major in this department ordinarily will be required to take courses 1, 2, 5 and 6. Courses 1, 5 and 6 are open to freshmen. If taken by juniors or seniors they will count for only two credits a semester. Students choosing history as a minor are recommended to pursue courses 5, 6 and 9. Those majoring in this department will be expected to secure at least eighteen credits in related subjects, such as economics, sociology, political science, and the history of philosophy.

1. Early European History and the Middle Ages.—
PROFESSOR MCRAE

This course covers a resume of Roman imperial institutions society and culture, the origin and racial characteristics of European peoples, the beginnings and growth of the church and extends to about 1450. Lectures, text, collateral reading form the basis of the work.

One year, three hours a week, six credits.

2. **English Political and Constitutional History.—**
PROFESSOR MCRAE
This is a study of the political and constitutional development of England to 1660. Some attention will likewise be paid to social and economic development.
One year, three hours a week, six credits.

3. **The Renaissance and the Reformation.—** PROFESSOR FUNK
This course covers the period from 1300 to 1648. The greater part of the first semester is devoted to the Renaissance and the remainder of the year is given to the Reformation. Topical reports and a thesis are required.
One year, three hours a week, six credits.

4. **The French Revolution.—**
In this course the causes bringing about the fall of the Bourbons, the revolution proper and the Napoleonic era are studied.
First semester, three hours a week, three credits. Not offered 1921-1922.

5. **American History.—** PROFESSOR FUNK
1787-1850. This course is a study of the making of the constitution, the organization of the government, formation of political parties, economic and territorial expansion and the growth of national consciousness and power. Text-book, lectures and collateral reading.
First semester, three hours a week, three credits.

6. **American History.—** PROFESSOR FUNK
1850-1918. In this course are studied the forces which brot about the division and reunion of the nation, the period of reconstruction, and those economic, social and political events that have characterized our recent history. This is a continuation of History 5.
Second semester, three hours a week, three credits.

7. **American Colonial History.—**
Beginning with a background study of European conditions leading to the discovery of America, the voyages and explorations, the settlements in the colonies, this course aims to trace the development of those institutions and forces which led to American independence, and ends with a careful study of the Revolution.
First semester, three hours a week, three credits.

8. The Westward Movement.— PROFESSOR FUNK

This is a study of the westward extension of the United States and of the economic and political development resulting from this expansion.

Prerequisite, course 7, or courses 5 and 6. First semester, three hours a week, three credits. Not offered 1921-1922.

9. Modern European History.— PROFESSOR FUNK

From 1815 to the present time. Special attention is devoted to the establishment of constitutional governments and the industrial evolution of this period.

One year, three hours a week, six credits.

10. History of Rome.—

A systematic study of the social and political development of the Roman nation and the causes of its downfall. Course will consist of text-book work, collateral reading and lectures. Recommended to those intending to teach Latin and History.

One year, three hours a week, six credits.

11. History of Greece.—

A study of the political and social development of the Greek states to the time of their incorporation into the Roman Empire. Special attention will be given to the permanent influence of Greek civilization. Text-book work, reading, lectures.

One year, three hours a week, six credits.

12. History of Fine Arts.— MISS BRIGGS

A study of the development of architecture, sculpture and painting thru the various periods of ancient, medieval and modern art. An effort is made to familiarize the student with the great masterpieces by means of photographs, stereopticon lectures and visits to the art galleries in St. Paul and Minneapolis.

One year, two hours a week, four credits.

13. History of American Diplomacy.— PROFESSOR FUNK

This is a chronological survey of the relation of the United States to foreign countries from 1776 to the present time. Text-book, lectures and collateral reading.

Second semester, three hours a week, three credits.

15. English, Social and Political History from 1660 to the Present.— PROFESSOR MCRAE

Special attention will be paid to the development of the cabinet and parliamentary system and the expansion of English world policies.

Second semester, three hours a week, three credits.

16. Historical Method.— PROFESSOR FUNK

This course is a study of the history of history, the development of a scientific historical method. When taken in conjunction with History 10 or 11 it gives six credits in Education.

One year, three hours a week, six credits.

Home Making

ADJUNCT PROFESSOR WHITRIDGE

3. The House.—

(a) Evolution of the modern home from primitive conditions. Its object. Selection of site with regard to climate, soil, drainage and neighborhood. Location of house with regard to exposure, light and prevailing winds. Study of house plans to meet the requirements, comfort and convenience of the family for which the house is intended. Drawing of specific plans.

(b) Household Art.—

Furnishing the house from the standpoint of good taste and economy. Value of form, color, design and materials in interior decorations. Wallpapers, carpets and curtains. History of furniture. Household management.

One year, two hours a week, four credits. Not offered 1921-1922.

4. Social Culture.—

The hospitality of the home. The forms and customs known and observed in community life.

Second semester, one hour a week, one credit.

Latin

PROFESSOR HAZZARD

Courses 1-2 and 17 are open without prerequisites to all students. Students who have had less than two years of Latin in high school should enter course 1-2; those who have had two or three years should enter course 3-4; those who have had four years should enter

either course 5 or course 7. Courses 5 and 6 may be taken either before or after courses 7 and 8. Students who desire to be recommended by the department to teach Latin are required to have had courses 5 to 10 inclusive, and are strongly urged to take courses 11-12 and 16. Course 1-2 is not counted toward a major.

1-2. Elementary Latin.—

The content of this course corresponds to that of the first two years of high-school Latin. Elements of grammar; easy readings; selections from Caesar.

One year, five hours a week, ten credits.

3-4. Intermediate Latin.—

The content of this course corresponds to that of the third and fourth years of high-school Latin. The choice of selections to be read is made with a view to the previous reading of the members of the class.

Prerequisite, two years of high-school Latin or course 1-2. One year, four hours a week, eight credits.

5. Livy.—

Selections from Livy's account of the Second Punic War. Review of forms and syntax.

Prerequisite, four years of high-school Latin or course 3-4. Given in alternate years. First semester, four hours a week, four credits. Not offered 1921-1922.

6. Comedy.—

Representative plays of Plautus and Terence. Collateral work on the history of the drama and the Roman theatre.

Prerequisite, course 5. Given in alternate years. Second semester, four hours a week, four credits. Not offered 1921-1922.

7. Cicero.—

Readings from Cicero's essays and philosophical works. Review of forms and syntax.

Prerequisite, four years of high-school Latin or course 3-4. Given in alternate years. First semester, four hours a week, four credits.

8. Horace.—

Selections from the whole of Horace's works. Special attention is paid to literary criticism and appreciation.

Prerequisite, course 7. Given in alternate years. Second semester, four hours a week, four credits.

9-10. Prose Composition and Sight Reading.—

Prerequisite, course 5 or course 7. One year, one hour a week, two credits. Not offered 1921-1922.

11-12. Advanced Prose Composition and Sight Reading.—

Prerequisite, courses 9-10. One year, one hour a week, two credits.

13. Poets of the Republic.—
Study of the poets of the republican period with reading of extensive selections from Catullus and Lucretius.

Prerequisite, courses 5, 6, 7 and 8. Given in alternate years. First semester, three hours a week, three credits. Not offered 1921-1922.

14. Writers of the Silver Age.—
Study of the literature of the Silver Age with reading of selections from the more important authors, especially Tacitus and Juvenal.

Prerequisite, courses 5, 6, 7 and 8. Given in alternate years. Second semester, three hours a week, three credits. Not offered 1921- 1922.

15. History of Latin Literature.—
Lectures on the lives and writings of the important Latin authors, with extensive collateral reading in their works.

Prerequisite, courses 5, 6, 7 and 8. Given in alternate years. First semester, one hour a week, one credit.

16. Teachers' Course.—
Consideration of problems pertaining to the teaching of high-school Latin. The course is conducted by means of lectures and collateral reading.

Prerequisite, courses 5, 6, 7 and 8. Given in alternate years. Second semester, three hours a week, three credits.

17. Roman Civilization and Its Survivals in the Modern World.—
Illustrated lectures on the geography of the Roman world, the topography of Rome, Roman architecture, art, commerce, political institutions, law and religion, and the influence of these phases of Roman life on modern civilization. No knowledge of Latin is required.

Given in alternate years. First semester, two hours a week, two credits.

Mathematics and Astronomy

PROFESSOR KINGERY

Courses 1a and 9 are not counted toward a major or minor. Course 5 required for a major.

1a. Solid Geometry, Algebra and Trigonometry.—
This course is for those who present only two units in high-school mathematics.

One year, four hours a week, eight credits.

1. College Algebra.—
Graphic representation of functions, ratio and proportion, variation, theory of quadratics, progressions, series, etc.
First semester, four hours a week, four credits.

2. Trigonometry and Analytic Geometry.—
Definitions of trigonometric functions, development of formulae and their application to the solution of problems, plane and spherical. This is followed by a brief course in analytic geometry, sufficient for elementary courses in physics and astronomy.
Second semester, four hours a week, four credits.

3. Analytic Geometry.—
This is a continuation of course 2. Equations of straight lines and the principal curves and their tangents are discussed by both rectilinear and polar coordinates.
Prerequisite, course 2. First semester, four hours a week, four credits.

4. Differential and Integral Calculus.—
A brief study of the principles of differential calculus based on theory of limits, followed by a short course in integral calculus.
Prerequisite, course 3. Second semester, four hours a week, four credits.

5. Advanced Calculus.—
Continuation of course 4.
One year, three hours a week, six credits.

6. Surveying.—
Prerequisite, course 2. One or two semesters, three hours a week, three or five credits.

7. Advanced Algebra and Geometry.—
Intended especially for those preparing to teach.
Prerequisite, course 1. One year, three hours a week, six credits.

8. Astronomy.—
Text-book, lectures and practical work with sextant, transit and clock.
Prerequisite, course 2. One year, five hours a week, six credits. Not offered 1921-22.

9. Mechanical Drawing.—
A course designed for those taking shop work or preparing for technical schools.
One, two or three semesters, four hours a week, one, two or three credits

11. Mathematics of Investment.—
One semester, two hours a week, two credits.

The Mental Sciences and Philosophy

PROFESSOR ANDERSON

1. Psychology.—

An introductory course covering the main features of normal human psychology:

(1) A brief introduction in experimental work, intended to accustom the student to introspective study and to give him an insight into the methods of modern psychological investigation.

(2) A survey of the more prominent aspects of the conscious life. This part opens with a synopsis of the nervous mechanism and is followed by a consideration of the sensations, perceptions, affections, memories, judgments, etc. The work is carried on by means of text-books, collateral readings, lectures, observations by the student, and experiment. Required in all courses.

First semester, three hours a week, three credits.

2. Ethics.—

This course begins with an historical sketch of ethical theories and of the conceptions of life that have been held. Next, the psychological facts and the philosophy of ethics are investigated in order to gain an adequate basis for ethical theory. Finally, the problems of practical ethics are taken, particular consideration being given to certain of them, which are now occupying the thoughts of men. The attempt is made in this course to develop a system of thought that does justice to Christian motive and doctrine and is, at the same time, based upon a proper scientific and philosophical basis. Required in all courses.

Prerequisite, course 1. Second semester, three hours a week, three credits.

3. Logic and Scientific Method.—

This is a study of the instruments of thought and investigation and of the methods and tests of proof. Aside from the culture aspect of the study it is of interest to the student of science, as elucidating the procedure of science; it is of interest to the student of oratory and literature, as forming the basis of all plans and methods of procedure in exposition and argumentation; it is of value to the teacher, since it furnishes the analysis of teaching methods from the content side, just as psychology does from the conscious side. In order to make

this discipline as valuable as possible logical definition and division receive attention, and their relation to literary work is shown. Much attention is given to fallacies and the analysis of fallacious reasoning. The use of hypothesis, analogy and probability, and the methods of scientific experiment and verification are explained and illustrated. Thruout extensive use is made of practical exercises in order to fix principles and develop ability to use them. Students may begin this course either semester but no credit is allowed for one semester.

Prerequisite, twenty-four credits. One year, two hours a week, one of which is used as a laboratory hour, three credits.

4. Advanced Psychology.—

The first part of this course requires a more thoro survey of the ground covered in course 1. The second part is a brief study of social and child psychology. This prepares the way for the third part of the course, the application of psychology to the problems of the day, chiefly those of education.

Prerequisite, course 1. One year, three hours a week, six credits.

5. Advanced Logic and Scientific Method.—

A course covering the same general ground as course 2, but much more thoroly. It consists of two parts:—

(1) Formal logic, with a closer study of logical theory and concepts, modal propositions, etc. With it will be given a brief course of lectures on genetic logic.

(2) Scientific method. A more complete study of the methods of science, including statistics, probability, etc. As a part of this course will be included a brief course of lectures on the history of science.

Collateral readings are required on the methods and aims of science as stated by distinguished men of science themselves.

Prerequisite, course 2. One year, two hours a week, four credits.

Philosophy seeks a consistent view of the world and of life; it seeks the meaning to life and reality; it is cultural in character; it would correct the one-sidedness of the mere specialist and correlate the results of general study. The four courses in philosophy which follow are arranged in two pairs offered in alternate years. The student may begin with either pair.

10. History of Philosophy, Ancient and Medieval.—
Beginning with the early Greeks this course follows the course of philosophic thought down to the period of Bruno, with the purpose of noting the development and relationships of the chief philosophical concepts. Attention is concentrated upon the leading thinkers and on the movement of thought. Collateral readings in Plato and Aristotle are required.

Prerequisite, fifty-four credits, unless by the approval of the instructor. First semester, three hours, three credits. Not offered 1921-1922.

11. History of Philosophy, Modern.—
Continuing the preceding, from Bruno to the present time. Constant use of Rand's classical Modern Philosophers is made for collateral reading.

Prerequisite, seventy credits, unless by the approval of the instructor. Second semester, three hours, three credits. Not offered 1921-1922.

12-13. English Thinkers.—
The course deals with the characteristics of English thought and some of the important English philosophical movements. It will include readings in representative philosophers. Each student in the course will be expected to make an intensive study of some one thinker.

Prerequisite, sixty credits, unless by the approval of the instructor The course may be elected for either or both semesters, three hours, six credits.

Music

MR. PHILLIPS, MR. FAIRCLOUGH, MISS KAY, MISS BRIGGS AND MISS YOUNG

Music may be chosen as a major or minor. The maximum number of credits permitted in such work is thirty-two. Not more than eight credits in practical music (voice, organ, piano, violin) will be allowed upon recommendation of the faculty of the Conservatory of Music after a sufficient amount of harmony (usually two years) has been completed. Of the twenty credits required for a major eight credits in harmony and two in Physics 6 must be obtained. Of the twelve credits required for a minor six must be obtained in theoretical music, and of these two in harmony and two in appreciation are required.

The special fees for courses in music must be paid by the student except in courses 1, 7, 9 and 10.

1. Elementary Harmony.—
The work of this year will include all triads, seventh chords, cadences, modulation and suspensions.
One year, two hours a week, four credits.

2. Advanced Harmony.—
This is a continuation of the first year's study for greater proficiency in the use of the material. The student will compose and have a great deal of practice in transposing pieces heard but once. Memorizing will be an important feature of the work.
One year, two hours a week, four credits.

3. Counterpoint.—
Simple counterpoint beginning with two, three and four-part writing in one, two, three and four notes against one is studied first, followed by syncopated and florid counterpoint with special stress on the latter used in three and four parts.
First semester, two hours a week, two credits.

4. Elementary Composition.—
This course is an introduction to the art of composition, with original work in the simpler forms, instrumental and vocal. Facility and clearness in the use of original musical ideas expressed through modern harmony and counterpoint are sought. The student is expected to accomplish work of sufficient merit for public performance.
Second semester, two hours a week, two credits.

5. Composition and Orchestration.—
A course in original composition. Instrumental and vocal compositions of simple and complex forms: (a) In the strict classical forms from song to sonata in homophonic and polyphonic style; (b) In the free forms, applying modern means of harmonization, modulation and imitation; (c) Orchestration. This work must have sufficient merit for public performance.
One year, two hours a week, four credits.

6. Public School Music.—
For a detailed description of this course see Conservatory of Music.
Two years, two hours a week, eight credits.

WALLACE HALL

7. History of Music.—
A study of the beginnings of music through the classical period, including the history and development of instruments. The college library has a good collection of reference works on music and our students have access to the fine collections in the public libraries of the Twin Cities.
One year, two hours a week, four credits.

8. History of Music.—
This is a continuation of Course 7, studying the development of music from the Romantic period to our own day. By means of the talking machine, records of many operas, oratorios, symphonies, songs and piano compositions are studied.
One year, two hours a week, four credits.

9. Appreciation of Music.—
This is a study of the form and meaning of music. A preliminary study of the instruments of the orchestra is given preparatory to the concerts of the Minneapolis Symphony Orchestra.
First semester, two hours a week, two credits.

10. Appreciation of Music.—
This is the continuation of Course 9 and is devoted to a thorough study of romantic and modern forms since the time of Beethoven.
Second semester, two hours a week, two credits.

11. Normal Training for Piano Teachers.—
(a) Course for advanced and senior students, who, tho good performers, are not prepared for the art of teaching.
(b) Course for young teachers requiring a more complete knowledge of modern piano teaching methods and material. See Conservatory of Music for further details.
One year, two hours a week, four credits.

12. Junior Progressive Series Theory.—
One year, one hour a week, two credits.

13. Senior Progressive Series Theory.—
One year, one hour a week, two credits.

Physics

PROFESSOR ALEXANDER

Course 1 is not counted toward a major. Applied Mechanics 2 may be counted toward a major in physics.

1. Short Course.—

This is a short course which covers the entire subject in one year. Demonstrations in connection with the lectures are substituted for a considerable amount of the individual laboratory work that is done by the student in the long course, and some of the more technical features of the subject that are not of general importance are omitted. The aim is to offer a thoro year's work in the general principles of physics to those who are taking courses which will not permit them to take the regular long course in the subject. It is recommended only to those who are taking classical or literary courses, or a two-year course in preparation for some school of medicine.

Prerequisite, Mathematics, course 2. One year, six hours a week, eight credits.

2. Mechanics, Sound, Heat.—

This course includes a thoro study of mechanics, sound and heat. A large part of the time is spent in laboratory work and the student's conceptions of physical laws are developed as largely as possible from observation and experiment. About forty quantitative experiments are performed by each student in the laboratory, the aim being to afford a working knowledge of modern measuring instruments of precision and to develop quantitative methods, as well as to discover and verify the laws of nature. Careful attention is given to the problem of the errors in measurement, the student being required in each case to consider the origin of the errors and methods for their elimination and to compute the probable errors of observations and results.

Prerequisite, Mathematics, courses 1 and 2. One year, six hours a week, eight credits. Not offered 1921-1922.

3. Electricity and Light.—

This course includes a thoro study of electricity and light. Forty experiments are performed, thirty-five of which are in electricity, giving the student an opportunity to familiarize

himself with electrical measuring instruments. The work in light includes measurements with the photometer, spectrometer and interferometer.

Prerequisite, Mathematics, courses 1 and 2. One year, six hours a week, eight credits.

Courses 2 and 3 together constitute what is termed the long course in physics and are designed especially to meet the needs of students taking a scientific course. These two courses together with Physics 5 should be taken by students preparing to teach physics in secondary schools.

4. Advanced Physics.—

In this course a thoro study is made of some topic approved by the head of the department. The work is largely individual and experimental. The aim is to deepen rather than to broaden the student's knowledge of the subject and to cultivate a taste for research. Those who major in physics are required to take this course as a basis for their theses.

Prerequisite, course 2 or 3. First semester, four hours a week, two credits.

5. Laboratory Technic.—

In this course a study is made of the design, construction, operation and repair of the more elementary laboratory apparatus and of the use and manipulation of laboratory materials. The aim is to afford those students who are preparing to teach physics a practical working knowledge of the physical laboratory.

Prerequisite, course 1, 2 or 3. Second semester, four hours a week, two credits.

6. This course includes a study of the mechanics of sound, particularly wave motion, interference, resonance and quality. Also the development of the diatonic and tempered scales and the construction and theory of the common musical instruments.

One semester, three hours a week, two credits.

7. This is a lecture and demonstration course covering the most important and interesting phenomena of physics. No quantitative work is attempted that requires advanced mathematics. The aim is to lead the student to an appreciation of natural law by deductions made from qualitative observations.

One year, three hours a week, four credits. Not offered 1921-1922.

Applied Mechanics

PROFESSOR ALEXANDER

The Department of Education of the State of Minnesota has approved the courses offered at Macalester in the department of applied mechanics, and has certified that students who have completed the work in that department are eligible to teach in the high schools of the state.

1. Elementary Applied Mechanics.—

This is essentially a general culture course in the applied mechanical principles. The work covers a study of the principles involved in modern methods of wood-working and the use and adjustment of wood-working tools; a study of the principles involved in working the various metals and of metal-working tools. The work in metals includes soldering, brazing, forging and the casting of brass and aluminum. For the latter work simple patterns are made in the pattern shop which, with the setting and pouring, introduces the student to the general principles underlying foundry work. The development and transmission of power, including steam and gas engines, water power, dynamos and motors is given considerable attention. The study of the mechanical principles is illustrated by practical exercises involving their application to modern methods. The object is to lead the student to an appreciation of the modern mechanical world, its methods and processes.

One year, six hours a week, six credits. Not offered 1921-1922.

2. Manual Training, Teachers' Course.—

This course is designed for students who are preparing to teach manual training. It includes a short study of the history and development of the manual training idea in education; the development of a progressive set of exercises each one of which must be executed and submitted for criticism accompanied by a paper explaining the object of the exercise, the connection with preceding exercises and the points that will appeal to the pupils' interest and stimulate creative thought; visits to manual training and other shops in the Twin Cities.

Prerequisite, course 1 or its equivalent. One year, four hours a week. four credits. Not offered 1921-1922.

Religious Education

Bible Training

On the John C. Martin Foundation

PROFESSORS WALLACE, MCRAE AND WILLIAMS

The great importance of moral and religious training finds, in all our colleges, increasing recognition. Intellectualism alone has proved utterly inadequate for the individual, society and the nation. Knowledge and efficiency cannot safely be made the ultimate aim of education. A much more vital and important consideration is, what are the ends which knowledge and efficiency must be made to serve.

In any complete system of education the spiritual nature of man and his chief end in life must be amply recognized. The best known means for the cultivation of this nature and for the discovery of this chief end is found in Christianity, in the central figure of all history—Jesus Christ.

Every educated man and woman should have, must have, a true philosophy of life and we believe that such philosophy is found in the Christian view of God and of the world as presented in the Holy Scriptures.

For the above reasons Macalester has made large provision for religious training.

In addition to the required courses for all students the department offers elective and advanced courses for students wishing to prepare themselves for forms of Christian service other than the gospel ministry.

The church, as well as the world, has entered on the era of the laity. Christianity is girding itself for the conquest of the world. Her call for leaders and workers of all sorts is louder and more engaging than ever before. The world is white unto the harvest and the reapers include not only preachers and evangelists but missionary teachers, missionary physicians, settlement workers, pastors' assistants, secretaries of Young Men's and Young Women's Christian Associations, trained Sunday school organizers, and lay workers generally.

To students training for any of these vocations the college offers special advantages. Open to them is instruction in many

subjects essential to thoro preparation for any of the above forms of Christian activity, such as languages, science, literature, philosophy, history, ethics, sociology, elocution, music.

Courses 1, one semester, and 2 are not counted toward a major or minor.

1. **The Life of Christ.**— PROFESSOR WALLACE

(a) This is studied by means of a harmony of the gospels. By way of introduction attention is directed to the political and religious condition of the time and to the characteristics and view-point of the gospel writers. By discriminating discussion of the teachings of Christ and a realistic presentation of the facts and incidents of His life an effort is made to deepen personal faith in Christ as the Savior of men and to bring the student into appreciation of Jesus as the master teacher of all time. Attention is directed primarily to the careful study and interpretation of the text of the Gospels.

Required of freshmen, first or second semester, two hours a week, two credits.

(b) Continuation of (a).

Elective, second semester, two hours a week two credits.

Students who are already fairly familiar with the gospels, or who for any reason prefer to do so, may, in lieu of the above, take Old Testament History. See course 9.

2. **The Missionary Labors of the Apostles.**— PROFESSOR WALLACE

These studies are based on the Acts of the Apostles and in part on the New Testament Epistles. The external and internal growth of the early church is carefully traced and the whole movement is viewed as a continuance of the work of Christ thru the agency of the Holy Spirit and of His inspired apostles. The authorship and credibility of the Acts, its teaching concerning Jesus, the Holy Spirit, and the organization of the early church receive special attention.

Required of sophomores, one year, one hour a week, two credits.

3. **Prophets of Israel.**— PROFESSOR WALLACE

This course consists of a thoro study of the prophets, their place in the community, their functions and their messages. It is pursued inductively from the Bible text with the object

of acquainting the student as fully as possible with the foreshadowings of the Christ. All the Messianic passages are carefully analyzed with reference to their historical background and in the order of their development.

One year, two hours a week, four credits.

4. **The Literary Study of the Bible.**— PROFESSOR WALLACE (a) This course includes a careful study of the Bible, viewed as literature. The rhetorical characteristics of the Hebrew language and the various literary forms of the Bible are closely examined. This done, various parts of the Bible best illustrating these forms and characteristics are critically studied and drawn out in their proper literary form. As sound literary criticism is based on a thoro study of the thought and thought-connections, the literary study of the Bible proves in practice a very valuable aid to interpretation. It is for this reason, especially, that it is included in the course. Much use is made of the text-books of Moulton and Genung.

Prerequisite, courses 1 and 2. First semester, two hours a week two credits.

(b) A continuation or repetition of (a) with literary study of various passages of Scripture and the application of the principles of literary criticism to their interpretation.

Prerequisite, courses 1 and 2. Second semester, two hours a week, two credits.

6. **Inter-Testament History.**— PROFESSOR WALLACE This course is intended (1) to trace the history of the Jews from Malachi to John the Baptist under the Persians, Greeks, Maccabees and Romans; (2) to trace the rise of the various Jewish sects. A knowledge of the outward political fortunes of the Jews, as well as the movement of Jewish thought in this period is of great importance for an intelligent understanding of the ministry of Christ and His Apostles.

Prerequisite, courses 1 and 2. Second semester, two hours a week, two credits.

7. **Oriental History contemporary with the Old Testament.**— PROFESSOR WALLACE This course includes (1) a study of the history and religion of Babylonia, Assyria and Egypt; (2) the relation of this material to the explication of Old Testament history. The course is based on the histories of Winckler, Rogers, McCurdy and others.

Prerequisite, courses 1 and 2. Second semester of alternate years, two hours a week, two credits.

8. Biblical Pedagogy and Sunday School Work.— PROFESSOR WALLACE

This course includes: (1) a study of Jesus as a teacher—a careful consideration of the question, What made Him the Master Teacher of all time?—His mastery of the technique of educational methods as illustrated in the four Gospels; (2) methods of Bible study, teaching and of Sunday school work; (3) the influence of Christianity on the world's education. It is based mainly on the Master and His method (Griffith-Jones), Jesus as a Teacher (Hinsdale), The Making of the Teacher (Brumbaugh), Teacher Training with the Master Teacher (Beardslie), supplemented by lectures.

Second semester of alternate years, two hours a week, two credits.

9. Review of Old Testament History.— PROFESSOR WALLACE

This is offered in lieu of course 1 to college students who have had little or no opportunity of pursuing a consecutive study of Old Testament history before entering college. The history of Israel is pursued from the founding of the kingdom under Samuel till the fall of Jerusalem, by close consecutive study of Samuel I and II, Kings I and II, Ezra and Nehemiah.

One year, two hours a week, four credits. Elective either semester.

10a. Apologetics.— PROFESSOR WALLACE

A brief exposition of Christian theism. History of the presentation and defense of Christianity with special emphasis on the important episodes from the time of the early contact with Greek philosophy down to the modern adjustments with natural sciences, philosophy, sociology, and comparative religion. An analysis of the changing elements and the permanent elements in the various methods of commending the Christian religion.

First semester, two hours a week, two credits.

10b. Comparative Religion.— PROFESSOR MCRAE

A study of the great religious systems of the world including Hinduism, Buddhism, Zoroastrianism, Confucianism, Taoism, Shintoism and Islam, with readings from the sources. An analysis of the elements common to these systems and Christianity, and of the elements that are peculiar to Christianity. An examination of certain modern cults that have borrowed extensively from one or more of the above systems.

Second semester, three hours a week, three credits.

11. Christianity and the State.— PROFESSOR WALLACE

The object of this course is to train the student in Christian statesmanship, to ascertain and classify the biblical principles that have to do with the functions and problems of the state, including the state's international relations, to trace the influence of these principles in the development of free institutions, to make clear the moral basis of democracy, to show that the highest statesmanship must be Christian and that this statesmanship is imperatively demanded by present world conditions and that by these alone can party platforms and public policies be soundly tested.

For practice in this kind of thinking a thoro study of the League of Nations is made in the light of history, of conditions in Europe before and after the war and of Christian principles. This part of the subject is pursued with the aid of "The League of Nations," published by the Atlantic Monthly Press, and much collateral reading.

First semester, two hours a week, two credits.

12. International Lessons.— PROFESSOR WALLACE

A course in the International Sunday School lessons. The aim of this course is to study the setting of the lesson, make careful analysis of the materials and discuss the pedagogical teaching of the lesson.

One year, one hour a week, two credits.

13. Study of Belated Peoples.— MRS. WILLIAMS

(a). South America. Study of the continent, early races and present peoples, history of settlement, governments, languages, religions, problems of statesmen, educational and religious needs, international relationships, etc. Type of an ill-churched area. Lectures, texts and collateral reading.

First semester, two hours a week, two credits.

(b). Africa—from similar angles. Type of an un-churched area, facts of Paganism and also a study of Mohammedanism. Lectures, texts and collateral reading.

Second semester, two hours a week, two credits.

14. The Bible by Periods.— MRS. WILLIAMS

This course is a study of the Bible based on Sells' "Bible Study by Periods" and the Bible text, designed to give to the student a grasp of Bible content; the great epochs, their mean-

ings, how and why they follow each other and their purposes; and an understanding of God's progressive plan to reveal himself to the world.

One year, two hours a week, four credits.

15. Hebrew.—

If there is sufficient demand for it instruction will be given in the elements of Hebrew.

Other courses for which credit is given in the Bible Training Department are:—

Greek 9, Greek Testament.
Mental Science and Philosophy 2 and 11.
History 3, The Reformation Period.
Social Survey 1.
Vocation 1.

Equipment.—This department is equipped with

1. The Kent and Madsen wall maps.
2. The large relief map of Palestine, 8 x 5 feet, published by the Palestine Exploration Society of London.
3. The relief map of Jerusalem and its environs, 4½ x 4 feet.
4. A missionary map of the world, 5 x 9 feet.
5. A chart, 22 x 3 feet, of ancient synchronological history.
6. Religious literature embracing over one thousand volumes.
7. The Thompson Reflectoscope and Stereopticon.

Social and Political Science

PROFESSORS DAVIS AND MCRAE

The aim of this department is to acquaint the student as far as possible with the whole field of social life and activity.

All the courses may be counted toward a major or minor except 1 and 11, which can only be counted toward a minor. Only three credits will be allowed for courses 1 or 11 if taken in the senior year.

A. Sociology

1. General Principles.—

Under this head are included the history, various theories and principles of the science. Important aims are to show the extent of the field, to arouse an interest in the study, and to correct methods of sociological investigation.

First semester, four hours a week, four credits.

3. **History of Social Ideas.—**

This course will include (1) the social views of the ancient nations; (2) the ideal republics from Plato down to the present; (3) modern socialistic schemes.

Prerequisite, course 1. Second semester, three hours a week, three credits.

4. **Social Psychology.—**

A study of suggestibility, instinct, feeling, sympathy, imitation, conventionality, the crowd, public opinion, etc.

Prerequisite, course 1. First semester, three hours a week, three credits.

8. **Anthropology.—** PROFESSOR MCRAE

Man, primitive and modern; race origins and development; environment; language; writings; arts of life; arts of pleasure; beginnings of science; principles of progress. This course includes one lecture a week by Dr. G. L. Wilson on primitive philosophy and religion exemplified by studies of the Hidatsa Indians.

First semester, three hours a week, three credits.

B. Economics

11. **General Principles.—**

A general survey is taken of the history, theories and generally accepted principles of the science. The latest edition of "Outlines of Economics," by Ely, will be used, supplemented by collateral studies in Adam Smith, Mill, Ricardo, Taussig, etc.

Prerequisite, course 1. Second semester, four hours a week, four credits.

12. **History of Economic Theory.—**

This course will trace the development of economic thought in the principal nations of Europe and America, especially in relation to philosophy and conditions of environment. The histories of Haney, Ingram and Gide will be used for reference.

Prerequisite, course 11. One year, three hours a week, six credits. Not offered 1921-1922.

13. **The Industrial History of England.—**

The intention of this course is to make the student acquainted with the salient features of England's industrial and commercial progress and thus prepare him for a study of the economic history of the United States. The works of Cheney, Ogg, Innes, Usher and others will be used for reference.

Prerequisite, course 11, second semester of alternate years, three hours a week, three credits.

16. Elements of Bookkeeping and Accounting.—
One semester, five hours a week, three credits.

17. Economic History of the United States—
An historical study of American agriculture, commerce, transportation, industry and finance.
First semester, two hours a week, two credits.

C. Political Science

31. Elements of Political Science.—

The aim is to trace clearly the great and distinctive features in the governments of Europe and of the United States.

Prerequisite, course 1. Second semester, three hours a week, three credits.

D. Legal Science

41. Roman Private Law.—

The object is to acquaint the student with (1) the origin and development of Roman Law; (2) its relation to modern systems of State Law.

Prerequisite, course 1. First semester, three hours a week, three credits.

43. Elements of Jurisprudence.—

Holland's "Jurisprudence" is used. The general subjects considered are Laws and Rights, Private, Public and Adjective Law, the object being to acquaint the student with the principles of fundamental law in their historical development and their practical application to the several phases of social life.

Prerequisite, course 41. Second semester, three hours a week, three credits. Not offered 1921-1922.

44. Method and Teaching of the Social Sciences.—

The object of this course is to train the student in the methods of scientific approach and of instruction in the classroom. Analysis and discussion of representative treatises. Practical exercises by students.

Prerequisites, courses 1 and 11, second semester, three hours a week, three credits.

Social Service

PROFESSOR MCRAE

Students majoring in Social Service, while conforming to the requirements of Group II, must include the following courses:— Biology 1 and 3 or Chemistry 1, History 5 and 6, Mental Science 4, and Social and Political Science 8.

1. **Social Survey.—**
Growth of the social conscience; the field of social service; taking the initiative as a social citizen; a study of pathological conditions and processes in modern society; methods of family case work. Text-book, lectures, readings, inspection trips, field work, and survey assignments—the United Charities of St. Paul cooperating.

One year, two hours a week class work and three hours a week or more field work, six or eight credits.

2. **Settlements.—**
History, philosophy, development and spiritual significance of the settlement; neighborhood settlement activities; volunteers and their relation to settlement service; the settlement and its relation to other community organizations; settlements as an Americanizing force. Lectures, readings, participation in settlement work, friendly visiting, survey assignments—the Minneapolis Federation of Settlements cooperating.

First semester, two hours a week class work and three hours a week or more field work, three or four credits.

3. **Child Welfare.—**
The obligations of society to the child; history of child-saving movements in the United States; home life of the child, education, recreation, illegitimacy, the establishing of paternity, adoption; child labor, delinquency, mortality; courts, institutions, societies and other public agencies for the child—the Children's Bureau of the State Board of Control cooperating.

Second semester, five hours a week class work and field work, three or four credits.

4. **Immigration—**
History of world migrations; a survey of immigration to the United States; its sources, causes and social and economic effects; control and distribution; contribution of the immigrant to our composite life.

Prerequisite, Social and Political Science 8. First semester, two hours a week, two credits.

5 Americanization—

A study of race characteristics, relationships, adaptability, assimilability; the view-point of the alien, special lectures by race leaders; practical methods of interpreting American ideals and institutions to the immigrant; laboratory work among foreign peoples in the community.

Prerequisite, course 4. Second semester, two hours a week, two or three credits. (Courses 4 and 5 will he condensed into one for the year 1921-1922).

Spanish

ASSOCIATE PROFESSOR CHALFANT

1. Elementary Spanish.—

Grammar, composition, conversation, reading.

One year, four hours a week, eight credits.

2. Intermediate Spanish.—

Conversation, composition and readings based largely upon Latin American literature. Business correspondence, reports from Spanish periodicals, etc.

One year, three hours a week, six credits.

3. The Modern Spanish Novel.—

Reproductions and reports.

One year, three hours a week, six credits.

It is very desirable that students electing Spanish shall have had Latin. at least, and, if possible, French.

4. Spanish.—

Introduction to the study of the modern Spanish drama. The authors to be especially studied—Galdos, the Quinteros, Benavente.

One year, three hours a week, six credits. Not offered 1921-1922.

Vocation

PRESIDENT BESS AND MISS MARLES

The aim of this department is to acquaint students with the elemental laws and data of vocation, modern efficiency and personal, vocational and psychological development, and to teach them how to find themselves.

1. Vocational Fundamentals.—The following divisions of the subject will be included in this course: (a) a survey of the

general field of vocational and life development; (b) lectures and experiments in methods of study to establish the habits of work for vocation and life; (c) lectures and surveys about college life as applied to the laws of occupation and career; (d) study of vocational and life charts; (e) expository themes to study and record student traits.

First semester. Required of freshmen, two hours a week, two credits

2. **Vocational Development.**—The following divisions of the subject will be included in this course: (a) the history of vocational guidance; (b) requirements and characteristics of various vocations; (c) lectures on the knowledge of human nature, and practical experiments in management; (d) occupational research with experimental psychology applied to vocation and personal efficiency; (e) success principles, biography and literature, reference readings; (f) modern, personal, professional, industrial, business and institutional efficiency; (g) psychological tests conducted in the department of psychology, the data to be used with students in this course; (h) estimate and gradings of general traits of students in this course by professors in all departments of the college used as partial data for guidance; (i) personal conferences for the study of each student, and experiments to develop traits for vocational and personal fitness.

Prerequisite, twenty-four credits. One semester, two hours a week, two credits.

Physical Education

(Women)

MISS WINIFRED BAILEY

1. **Personal Hygiene.**—

Short talks on the functions of the skin, the physiologic effects of water, hot and cold; bathing; care of the face; care of the hair, the hands, the feet; care of the mouth and teeth and their relation to good digestion; overeating and intestinal indigestion; fresh air; ventilation of bedrooms; care of the ears, throat and nose; deep breathing; the foot and the shoe; dress.

Physical Training.—

1. Corrective exercises: walking, standing and sitting. Elementary work in stall bars, parallel bars, ladder and horse.
2. Folk Dancing.

Required, freshmen, one year, two hours a week, one credit.

Macalester College
Conservatory of Music

N. W. Phone Midway 2656
Wallace Hall, Summit and Macalester Avenues

HARRY PHILLIPS
Director

JESSIE M. YOUNG
Secretary

EVELYN THORPE
Assistant Secretary

Faculty

HARRY PHILLIPS, Mus. M., Director*
Voice Culture.

GEORGE HERBERT FAIRCLOUGH,* Mus. M.
Piano, Organ, Theory.

GEORGE KLASS*
Violin.

HELEN E. BRIGGS,*
Piano, Normal, History of Fine Arts.
Senior Progressive Theory.

ANNA D. McCLOUD*
Voice.

EMILY GRACE KAY,*
Piano, Public School, Harmony, History, Appreciation.

JESSIE MAY YOUNG,†
Piano.
Junior Progressive Theory

ESTHER PINE,†
Violin.

MYRTLE WEED,†
Piano.

MARGARET MOUNT,†
Piano

CLAIRE THORALDSON,†
Assistant in Piano.

HELEN HARRIS,†
Assistant in Violin

MRS. MAXMILLIAN DIX,†
Violin and Cello.

EMMA GREENE,†
Guitar, Banjo, Mandolin, Ukulele.

Leading instructors for all other instruments
*American and European education.
†American education.

Course of Study

The Conservatory of Music offers a thoro course of instruction in voice, piano, organ, violin and other stringed instruments; also a theoretical course including harmony, counterpoint, composition, musical history and analysis. In each branch of musical study a systematic course, leading to graduation, will be pursued. Time required for completion varies—the length of course depending on the pupil's ability and intelligent devotion to work.

Entrance.—Pupils who expect to graduate must enter at the beginning of the school year. Those not wishing to graduate may enter at any time in the year.

Upon entrance pupils are examined, classified and placed in their fitting grade, by the director.

Teacher's Certificate.—Teachers' certificates will be given to all pupils who have taken the Normal course and completed the junior year in full to the satisfaction of their individual teachers.

Diploma from the Conservatory of Music.—A student, to receive a diploma, must have completed the work of the senior year in full, written a graduating thesis, given a whole or such part of a program as the director may decide upon, and taken part in the graduating program of the Conservatory of Music.

Diploma with the Degree of Bachelor of Music.—Candidates for the degree of Bachelor of Music are required to take at least fifty semester hours of strictly college work (including history of art and physical training) and at least seventy hours of music. All college entrance requirements must be met and the credits for them presented to the Registrar of the College. Exceptions to the general graduation requirements, in the case of candidates for this degree, are a requirement of eight credits in religious education and of at least two years of a modern language in college. Such as have no modern foreign language upon entering must take three years of such language in college. Students electing Voice are strongly urged to take two years each of French and German.

The following college subjects are required for this degree: English, six credits; Religious Education, eight credits; Modern Foreign Language, fourteen credits (if deficient at entrance, three years); History of Art, four credits; Physics 6, two credits. In addition to the above required credits, electives sufficient to make a total of fifty credits.

Music subjects are required as follows: Harmony, Counterpoint, Composition and Orchestration, sixteen credits; History of Music, eight credits; Appreciation, four credits. In addition to the above there are required a major of twenty credits, and a minor of twelve credits. Electives may be chosen from Voice, Organ, Piano, Violin, Public School Music, to complete the requisite number of credits.

In order to make such a course profitable it is naturally required that the student give evidence at entrance of a sufficient preparation in some branch of music.

Special courses are offered those living in the city who do not wish to take the regular course.

Standardization of Music Teaching.—Macalester Conservatory, after thoro investigation, has adopted the Godowsky Progressive Series of Music Lessons, now being used by over 10,000 educational institutions, conservatories and music teachers of America, as the standard for music credits. A number of states have placed music study, when carried on systematically, on an equal basis with the study of all other branches of learning and allow it full credit.

In 1916, the Cornell University Official Announcement stated: "Standardization of music teaching and of credits for the study of music are subjects receiving attention by the educational authorities thruout the country. It will soon be the rule, rather than the exception, to give credits toward graduation for the study of music. The Progressive Series of Piano Lessons makes possible the standardization of music teaching and solves most of the difficulties which have hitherto prevented the adoption of a system of credits for study of music."

In its editorial staff and list of contributors are assembled twenty eminent musicians and educational authorities, the greatest aggregate of musical and pedagogical intellect and talent ever gathered in a combined effort to further the cause of musical education.

The editor-in-chief is Leopold Godowsky, the renowned artist and composer, now at the very height of his powers. His improved methods of study are fully set forth in the Progressive Series. The principles of the other world "methods" are also shown. The associate editors are Edgar Stillman Kelley, one of America's foremost composers, Josef Hofmann and Emil Sauer, the famous pianists.

Godowsky himself says, "We have striven to make it an educational work in the form of a progressive and complete series, that, from both an artistic and pedagogical standpoint, would be superior to anything ever offered to the public."

Graduates will receive not only the diploma of the Conservatory, but also the certificate of the course. We wish to impress upon the parents and pupils that the use of this series will in no way interfere with either the individuality of the pupil or the particular views of any individual teacher.

Mr. Fairclough, Miss Briggs, Miss Weed, Miss Young and Miss Mount will instruct in the Progressive Series, a valuable addition to our regular work, which has been so generously approved by the music-loving public of the Twin Cities.

The Art Publication Society which publishes the Progressive Series has arranged for an extension of the Cornell University Summer Course to be held in Minneapolis in July. Mr. E. R. Kroeger of St. Louis will be one of the leading instructors. The courses will be open to all musicians of the Northwest. For particulars address Conservatory Office.

Voice

In the department of vocal music those methods which experience justifies as being at once effective and artistic in their results have been adopted. It is the policy to secure a systematic and thoro culture on the basis of the best methods.

Intermediate Year.—Vocalises by Sieber, Concone, and the study of songs, ballads by Larsen, Grieg, Buck, Gounod and others, make the first year's work complete.

Junior Year.—Studies in phrasing and rapid execution, German songs by Mozart, Schubert, Schumann, Liszt, Franz, Beethoven, etc., also some of the lighter selections from the operas.

Senior Year.—Oratorio in all forms, Bach, Haydn, Handel, Mendelssohn, Gounod, Verdi. Selections from the heavier operas and songs of the modern school. Frank, Wolf, Homer, Tours, Massenet, Dvorak, Ronald, Nevin, Ganz.

Every student graduating in vocal music must have at least one year of French.

Graduate Course.—Aims to develop the artistic sense to a still greater degree, according to art traditions.

Pianoforte

Individual instruction is given and the regular course calls for one hour's instruction a week, divided into two lessons of thirty minutes each. Where but one lesson a week is taken the lesson will be forty-five minutes in length.

Preparatory.—Thoro grounding in hand, finger and arm training. Rudiments of music. Easier studies to suit capabilities of each pupil. Pupils are thoroly prepared for the entrance into the three years' course.

Intermediate.—Czerny, Velocity Studies; Bertini, Loeschorn, Heller, etc.; Bach—Little Preludes and Fugues; Sonatinas and Easy Sonatas.

Junior Year.—Czerny, Op. 740; Cramer-Bulow, Fifty Selected Studies; Heller, MacDowell, etc.; Bach, Two- or Three-Part Inventions, French Suites; Sonatas of Mozart, Haydn and Beethoven.

Senior Year.—Clementi, Tausig, Gradus ad Parnassum, Czerny, Op. 740, Chopin Etudes, Kullak Octave School, Bach's Forty-eight Preludes and Fugues; Sonatas and Concertos of Beethoven and other masters. Repertoire from classical and modern composers.

In each grade suitable pieces will be given as the pupil is ready for them.

Postgraduate.—Advanced work. Continuation of previous year. Concertos (with second piano or orchestra accompaniments).

Violin

The violin department has become a leading feature in the musical life of all conservatories. Year by year the number of violin students is increasing. To keep pace with the demands of the time this department of our school has been developed until today it presents exceptional advantages for the study of what is called "the most perfect musical instrument known."

The violin course is not expected to be followed strictly, nor does it claim to be complete. In the private lessons each pupil can be favored with studies which suit his or her special requirements. With the technical course a selection of compositions from the whole range of violin literature up to the present time will be used. These will be chosen from the representative composers of the different periods and schools, with the intention of giving the pupils a knowledge of the individual interpretation of each kind.

Scales, bow and finger exercises will be used as needed to meet the requirements of the various pupils.

Pipe Organ

Before beginning the study of the pipe organ the student should have had at least one year's instruction on the piano and should have a thoro knowledge of the rudiments of music.

Public School Music

This is a two-year course. Entrance to the course requires that the student have a diploma from an accredited high school. Upon satisfactory completion of this course a State certificate will be issued in addition to the Conservatory certificate. Under certain conditions this course may form a portion of the work for the regular diploma of the Conservatory of Music.

First Year.—The following subjects are required: Sight-singing, Ear Training, Voice Culture, History of Education, Psychology, Harmony 1, a modern language or its equivalent, Piano, unless able to play third grade music, in which case candidate may be excused from further study of that instrument. It is very desirable that a student be able to teach some high school subject or drawing in connection with Public School Music. (College students will take the regular college course in psychology; music students, a special course at the conservatory.)

Second Year.—The following subjects are required:

a. Sight-singing, Ear Training, Harmony 2, History of Music, Appreciation of Music, Piano, unless able to play third grade music, a modern language or its equivalent.

b. School room teaching, five periods weekly.

The study of voice will be required of pupils in public school music to meet this demand.

Sight Reading

All pupils of vocal music must have at least one year of sight reading before receiving either a teacher's certificate or diploma. The cost of these lessons will be nominal. It is impossible to sing correctly and effectively at all times without an exact and practical knowledge of music and its notations.

Normal Training

The demand of the times is for musicians equipped not only technically, but also in the art of imparting instruction. Most students, in starting to teach, possess but the points given them by their instructors, in regard to their individual work. As these may not apply to the general needs of their pupils a course in the art of teaching is almost indispensable.

Normal Piano Training Course for Prospective Teachers.—One year course with Certificate for advanced and senior students of piano.

Post-graduate Certificate Course for young teachers.

(For College Credits see College Catalog.)

Text-book work, practice teaching.

Lectures.—Technical Theories, Various Types of Pupils, Elementary Foundation Work, Development of Original Musical Ideas, Tonality, Methods, Material for Teaching, Interpretation, Memorizing, Educative Principles, etc., etc.

Ear training, analyzing and psychology are a part of this course. (College students will take the regular college course in psychology; music students, a special course at the conservatory.)

Normal Courses in Voice and Violin may also be taken.

Ensemble

The study of chamber music is a very important one to the advanced student of any instrument. The impetus to more thoro practice, mental activity, development of rhythm and color, and an insight into this particularly rich field of musical text, is of untold value. Both classic and modern music is studied. Students who come mainly for the study of piano, violin or any other instrument should, if possible, arrange for some work in this line.

Harmony

The "Upton" system of key-board harmony will be used. Harmony study is too apt to be purely theoretical and therefore of comparatively slight value to the average student. Believing that a course has been found that will be first, last and always of practical value to the performer, since all the work is done at the instrument, we are offering this advantage to our students. Results obtained in other institutions substantiate all the claims made for the system. The student uses with fluency all the triads and seventh chords, modulates to all keys with ease, is familiar with altered chords, and suspensions, in short with all the subjects covered in any harmony course. He is enabled to transpose music as easily as he plays it in the original key. As memorizing is a great feature of the course it becomes an easy and natural process. Very young children are enabled by this course to produce compositions of real merit.

Theory

The importance of exhaustive and thoro work in the various theoretical studies cannot be too strongly emphasized. A rudimentary or fundamental course should precede ear training, sight singing, harmony, analysis, counterpoint (simple and double), canon and fugue (the supreme contrapuntal forms), orchestration and composition.

Progressive Series Theory, of junior and senior grades, is required for graduation from the conservatory.

Appreciation of Music

First Year.—This is a study of the form and meaning of music and follows closely the text used, "Appreciation of Music" and Supplement, by Surette and Mason. A preliminary study of the instruments of the orchestra is given, preparatory to the concerts of the Minneapolis Symphony Orchestra, which our students are encouraged to attend. Required for graduation from Conservatory of Music.

Second Year.—This is a continuation of Appreciation of Music 1, and is a thoro study of Romantic and Modern forms since the time of Beethoven. The study is based on "Appreciation of Music," volume 2, by Surette and Mason, and "What We Hear in Music" by Faulkner. Talking machine records are freely used. Required for graduation from the Conservatory of Music.

History of Music

First Year.—Study of beginnings of music thru the Classical Period, including the history and development of instruments. The text-book used is "Essentials in Music History," Tapper and Goetschius. The college library has a good collection of reference works on music and our students have access to the fine collections in the public libraries of St. Paul and Minneapolis. A trip is made annually to the Raudenbush piano factory in St. Paul to see the process of making a piano. Required for graduation from Conservatory of Music.

Second Year.—This is a continuation of History 1, studying the development of music from the Romantic Period to our own day. By means of the talking machine records many operas, oratorios, symphonies, songs and piano compositions are studied. Required for graduation from Conservatory of Music.

History of Fine Arts

The study of the allied arts is of great cultural advantage to the musician in the development of artistic tastes. Instruction in the way of illustrated lectures is given by Miss Briggs. See History 12.

Student Recitals

These opportunities for public performance are helpful in overcoming natural diffidence and nervousness, and in giving that confidence and poise so necessary to the successful player and singer.

Pupils also gain an ever-increasing knowledge of musical text, aside from that with which they come in contact in their own study. The instructors allow only such students as have reached a certain degree of proficiency to appear in recital.

Euterpean Society.—A conservatory organization which brings the pupils together for social and musical recreation. Its object is to create good fellowship and musical development. The programs are varied and interesting. Students receive admission into this society by invitation. The dues are fifty cents a semester.

Terms for Instruction

Per Semester

Tuition prices vary with the grade and the teacher.

Voice	$144.00 to $31.50
Piano	72.00 to 22.00
Pipe Organ	72.00 to 45.00
Violin	72.00 to 20.00
Ensemble	25.00
Harmony	20.00
History of Music	6.00
Appreciation of Music	5.00
Public School Music	40.00
Normal Piano Training	40.00
Progressive Series	10.00

Piano Practice, per hour	$6.00	Organ Practice, per hour	12.00
Incidental Fee	1.00	Cost of Graduation	10.00

College fees for conservatory students taking college work are paid at the beginning of each semester before completion of registration and strictly in advance, as follows:—

Tuition (five to eight hours per week) $45.00

There is no fee for harmony, history or appreciation to students taking college subjects.

Discount will be allowed on tuition bills for two or more studies paid a year in advance.

Honorary Degrees

Conferred by Macalester College

1901: D. D. to Rev. Charles Thayer, Ph. D.....Deceased
D. D. to Rev. George W. Davis, Ph. D...St. Paul, Minn.
1902: D. D. to Rev. H. F. Stilwell.....St. Paul, Minn.
D. D. to Rev. J. Le Moyne Danner.....Indianapolis, Ind.
LL. D. to Hon. Thomas Wilson.....Deceased
1903: D. D. to Rev. Joseph Cochran, Macalester, '89.....
.....Detroit, Mich.
1904: D. D. to Rev. Stanley B. Roberts.....Minneapolis, Minn.
M. A. to Myron A. Clark, '90.....Deceased
1905: D. D. to Rev. Charles F. Hubbard.....Auburn, N. Y.
1906: D. D. to Rev. Donald D. McKay.....Tacoma, Wash.
1907: D. D. to Rev. Archibald Cardle, Macalester, '94.....
.....Burlington, Iowa
1910: D. D. to Rev. Charles T. Burnley.....Deceased
D. D. to Rev. Alfred E. Driscoll.....Ashland, Wis.
D. D. to Rev. William Porter Lee, Macalester, '89.....
.....Germantown, Pa.
D. D. to Rev. Harry Clinton Schuler, Macalester, '95....
.....Resht, Persia
D. D. to Rev. John Hansen Sellie, Macalester, '95.....
.....Le Sueur, Minn.
1911: D. D. to Rev. Charles Allen Clark, Macalester, '99.....
.....Seoul, Korea
LL. D. to Rev. Albert Brainerd Marshall, D. D., Omaha, Neb.
LL. D. to Rev. George Livingstone Robinson, Ph. D., D. D.
.....Chicago, Ill.
1914: D. D. to Rev. George Ewing Davies . .Salt Lake City, Utah
D. D. to Rev. Joseph Carle Robinson, White Bear Lake, Minn.
LL. D. to Hon. James Jerome Hill.....Deceased
1915: Litt. D. to Rev. John Wright.....Deceased
D. D. to Rev. William C. Laube '01 .....Dubuque, Ia
1916: Mus. M. to Harry Phillips.....Minneapolis, Minn.
Mus. M. to George H. Fairclough .....St. Paul, Minn.
1918: D. D. to Rev. Asa John Ferry.....Philadelphia, Pa.
D. D. to Rev. James B. Lyle.....Albert Lea, Minn.
D. D. to Rev. T. Ross Paden.....Mankato, Minn.
D. D. to Rev. Benjamin Bunn Royer.....Franklin, Pa.
1919: LL. D. to Rev. Dwight Witherspoon Wylie, Philadelphia, Pa.
1920: D. D. to Rev. Paul Doeltz.....Philippines
D. D. to Rev. Thomas W. Graham.....Oberlin, Ohio

Alumni

Alumni Association

It will be esteemed a favor if each alumnus who changes his residence will notify the President of his new address. Information from any source that will assist in keeping this roll complete will be appreciated.

The Alumni Association of Macalester College has two purposes in view: to bind into a unit the graduate body and help to preserve and increase the value of the friendships formed in college, and to further the interests of the Alma Mater and make her more widely known. Communications to the Alumni Association should be sent to the college.

Officers

W. P. Kirkwood.....President
Gertrude Smith.....Vice-President
E. W. Johnson.....Secretary
Isabelle Elmer.....Treasurer

Roll of Alumni

Class of 1889

George Washington Achard.....Business, Minneapolis, Minn.
Joseph Wilson Cochran.....Minister, Detroit, Mich.
Ulysses Grant Evans.....Minister, Atalissa, Iowa
James Chase Hambleton.....Teacher, Columbus, Ohio
Benjamin Wallace Irvin.....Deceased
Samuel M. Kirkwood.....Surgeon, Absarokee, Mont.
William Porter Lee.....Minister, Germantown, Pa.
Paul Erskine McCurdy.....Business, Philadelphia, Pa.
Louis Ferdinand Slagle.....Deceased
Charles Albert Winter.....Deceased

Class of 1890

Myron A. Clark.....Deceased
Thaddeus T. Cresswell.....Minister, Eagle Rock, Cal.
John Knox Hall.....Missionary, La Salle, Colo.
William Henry Humphrey.....Deceased
William Paul Kirkwood.....Professor, U. of M., St. Paul, Minn.
Amos Avery Randall.....Deceased
Judson L. Underwood.....Fairfield, Iowa

Class of 1891

Frank Brown ..... Principal, Chicago, Ill.
Walter F. Finch ..... Minister, So. St. Paul, Minn.
Walfred Sunberg ..... Deceased
William B. Turner ..... Business, Boston, Mass.
Thomas C. Williamson ..... Business, Winnebago, Minn.

Class of 1893

James Carlisle Simonton ..... Business, Minneapolis, Minn.
Joseph Zoll ..... Address unknown

Class of 1894

Francis W. Beidler ..... Minister, Mosco, Colo.
Archibald Cardle ..... Minister, Burlington, Iowa
Paul A. Ewert ..... Attorney, Joplin, Mo.
George E. Johnson ..... Business, Sayre, Okla.
Samuel M. Marsh ..... Minister, Brown's Valley, Minn.
William H. Sinclair ..... Minister, Oxford, Iowa

Class of 1895

Frank E. Balcome ..... Physician, St. Paul, Minn.
John W. Christianson ..... Minister, Watertown, S. D.
Thomas Fitz-Morris Clark ..... Deceased
Charles D. Darling ..... Minister, Fort Collins, Colo.
Edwin Howard Gordon ..... Deceased
Harry Clinton Schuler ..... Missionary, Resht, Persia
John Hansen Sellie ..... Minister, Le Sueur, Minn.
Arthur Whitney Vance ..... Deceased

Class of 1896

Alexander Edward Cance ..... Prof., Mass. Agr. College, Amherst, Mass.
Moses M. Maxwell ..... Deceased
Samuel F. Sharp ..... Deceased

Class of 1897

Albert Ernest Evans ..... Minister, Hunters, Wash.
Charles W. Hansen ..... Deceased
Ernest Charles Henke ..... Minister, Baraboo, Wis.
George Leck ..... Deceased
John McLearie ..... Professor, State School of Mines, Rapid City, S. D.
Winifred Moore-Mace ..... Walton, N. Y.
Arthur A. Palmer ..... Minister, Garfield, Wash.
Charles Petran ..... Missionary, Mexico City, Mexico
Louis B. Sherwin ..... Minister, West Bend, Iowa
William K. Sherwin ..... Minister, Barnum, Minn.
Arthur G. Welbon ..... Missionary, Andong, Korea

Class of 1898

Clarence Dwight Baker ..... Deceased
Charles Warren Dade ..... Business, Minneapolis, Minn.
Anna Moore Dickson ..... Teacher, St. Paul, Minn.

Caspar Gregory Dickson.....Clerk, Library of Congress, Washington
Nellie M. Flanders-Sherwin.....Barnum, Minn.
John M. Guise.....Principal, St. Paul, Minn.
Carlton Leslie Koons.....Minister, Ashland, Wis.
Robert C. Mitchell.....Minister, St. Paul, Minn.
William James Mitchell.....Minister, Hamburg, Iowa
David Walter Morgan.....Minister, Nioto, Ill.

Class of 1899

Hugh S. Alexander.....Professor, Macalester College, St. Paul, Minn.
Walter Baker Augur.....Minister, Dodge Center, Minn.
Charles Allen Clark.....Missionary, Seoul, Korea
Ralph Elmo Clark.....Teacher, Moose Jaw, Sask., Can.
Paul Doeltz.....Missionary, Iloilo, Philippine Islands
George C. Edson.....Minister, Hasbrouck Heights, N. J.
Thomas George Jamieson.....Business, Calgary, Can.
Almira F. Lewis.....Denver, Colo.
Robert Morris Lutz.....Business, San Rafael, Cal.
James Murray.....Minister, Entiat, Wash.
Samuel Merton Pinney.....Superintendent, Mound, Minn.
Jacob Elmer Smits.....Deceased
George Stanley.....Minister, St. Paul, Minn.
Murray Alberton Travis.....Minister, Collegeport, Texas

Class of 1900

John Calvin Abels..... Vice-President, Emporia College, Emporia, Kans.
Miles Strong Grimes .....Minister, Lyons Falls, N. Y.
Ralph Emerson Herron.....Business, Lordsburg, N. M.
John Robert Landsborough.....Minister, Nampa, Idaho
Ernest A. Oldenburg.....Minister, Burrows, Ind.
Mathilde Pederson-Romunstaad.....Deceased
Irving David Roach .....Business, Azusa, Cal.
William James Sharp.....Minister, Centralia, Wash.
Roy Walker Smits.....Deceased
David A. Thompson.....Minister, Portland, Ore.

Class of 1901

William Beckering.....Deceased
Louis Benes.....Minister, Armour, S. D.
Henry Roy Bitzing.....Lawyer, Mandan, N. D.
Percy Porter Brush.....Lawyer, Tacoma, Wash.
Charles Morrow Farney.....Business, St. Paul, Minn.
Henry D. Funk.....Professor, Macalester College, St. Paul, Minn.
Nathaniel E. Hoy.....Meadow, S. D.
Lewis Hughes.....Teacher, Ottawa, Minn.
Richard U. Jones.....Professor, Macalester College, St. Paul, Minn.
William C. Laube.....Professor, Presb. Sem., Dubuque, Iowa
Millicent V. Mahlum-Kelts.....Columbus, Mont.
William H. Travis.....Collegeport, Texas
Lily Bell Watson.....Macomb, Ill.

Class of 1902

Frederick Brown ..... Deceased
Robert L. Davidson ..... Teacher, Kent, Wash.
Sarah A. Haines-Korsen ..... Seattle, Wash.
Grace Iddings-Fletcher ..... Grand Forks, N. D.
Leonard L. Mann ..... Minister, Ipswich, S. D.
Francis H. Newton ..... Minister, Everett, Wash.
Winifred R. Pringle-Weber ..... Coeur d'Alene, Idaho
Edgar E. Sharp ..... Lawyer, Moorhead, Minn.
Benjamin Bruce Wallace ..... Government Service, Washington, D. C.
Helen Margaret Wallace-Davies ..... Carmi, Ill.

Class of 1903

John Morton Davies ..... Minister, Carmi, Ill.
Bessie Shepherd Doig-Jacobson ..... Cedar Rapids, Iowa
Julia Anita Elmer ..... Teacher, St. Paul, Minn.
Peter Erickson ..... Minister, Minot, N. D.
Ebenezer Thomas Ferry ..... Minister, Greybull, Wyoming
Emma Inez Godward-Davies ..... Fairbury, Neb.
Robert McMaster Hood ..... Minister, Kendrick, Idaho
Peter Westin Jacobson ..... Minister, Cedar Rapids, Iowa
Raymond Lewis Kilpatrick ..... Engineer, Sulzer, Alaska
Donald Norman MacRae ..... Minister, Mitchell, Ont.
Henry Morgan ..... Teacher, Sheldon, N. D.
Joseph E. Rankin ..... Minister, Pipestone, Minn.
Mary J. Rankin ..... Missionary Teacher, Sneedville, Tenn.
Max M. Wiles ..... Minister, Virginia, Ill.
William H. Weber ..... Business, Coeur d'Alene, Idaho

Class of 1904

Grace Ivanore Chapin-Sharp ..... Moorhead, Minn.
Peter Arthur Davies ..... Minister, Fairbury, Neb.
Thomas Hunter Dickson ..... Physician, St. Paul, Minn.
Margaret Evans-Detweiler ..... Santurce, Porto Rico
William Horatio Kendall ..... Minister, Farmington, Ill.
Alfred Edward Koenig ..... Professor, U. of Wis., Madison, Wis.
William Oliver Rothney ..... Inspector of Schools, Quebec, Can.
Henry John Voskuil ..... Missionary, Amoy, China
Tolbert Watson ..... Physician, Albany, Minn.
Mabel Wicker ..... Teacher, Dawson, Minn.

Class of 1905

John Thomas Anderson ..... Minister, Ishpeming, Mich.
Earl Kenneth Bitzing ..... Editor, Mandan, N. D.
Eugene Erwin Bromley ..... Minister, Bayview, Alaska
Isabelle Allison Elmer ..... St. Paul, Minn.
Asa John Ferry ..... Minister, Philadelphia, Pa.
Thomas Edwin Flinn ..... Physician, Redwood Falls, Minn.
Ledru Otway Geib ..... Physician, Detroit, Mich.
Mary Carnahan Guy-Shellman ..... Austin, Minn.
Marie Grace Jamieson-Smith ..... Lewisville, Ind.

Daniel Griffin Le Fever ..... Business, Minneapolis, Minn.
James Albert Slack ..... Minister, Winkelman, Arizona
Robert Owens Thomas ..... Chicago, Ill.
Jane Turnbull ..... Teacher, Eveleth, Minn.

Class of 1906

Levi H. Beeler ..... Winthrop College, Rock Hill, S. C.
James Ekin Detweiler ..... Missionary, Fukui, Japan
James Hamilton ..... Minister, Denver, Colo.
Roscoe Cliver Higbee ..... Principal, St. Paul, Minn.
Alexander Hood ..... Missionary, Wellpinit, Wash.
Albert Kuhn ..... Minister, Omaha, Neb.
Paul H. Th. Rusterholz ..... Teacher, St. Paul, Minn.
Ruth Estelle Swasey-Rusterholz ..... St. Paul, Minn.
Gordon Graham Thompson ..... Physician, Seattle, Wash.
Frank Harvey Throop ..... Missionary, Soo Chow, China
Margaret Turnbull ..... Teacher, St. Paul, Minn.

Class of 1907

William Harvey Amos ..... Minister, Portland, Ore.
James Albert Caldwell ..... Principal, Tower City, N. D.
Robert W. Davies ..... Business, Minneapolis, Minn.
Josephine Elmer-Ballou ..... Racine, Minn.
Marshall Gregory Findley ..... Business, New York City
Richard David Hughes ..... Minister, Chicago, Ill.
Martha Antoinette Jacobson-Maitrejean ..... New York City
Henrietta Cecelia Lundstrom ..... Teacher, Northfield, Minn.
Rose Amelia Metzger-Nutt ..... Sidney, Mont.
David McMartin ..... Minister, Cheyenne, Wyo.
Rhoda Catherine MacKenzie ..... Teacher, Granger, Wash.
Richard Samuel Nutt ..... Banker, Sidney, Mont.
Ole Johnson Oie ..... President Theo. School, Christiania, Norway
William Fred Pottsmith ..... Minister, Portland, Ore.
Mary Pauline Payne-Healy ..... Mapleton, Minn.
Minerva Schlichting ..... Deceased
Ruth Adelia Sherrill ..... Teacher, Bothell, Wash.
Mary Helen Smith-Jones ..... St. Paul, Minn.
George Hill Smith ..... Business, Excelsior, Minn.

Class of 1908

George Kemp Aiken ..... Editor, Ontario, Ore.
Hanna Sophia Berg ..... Principal, East Grand Forks, Minn.
Ralph Brinks ..... Independence, Kans.
Richard Stanley Brown ..... Minister, Sault Ste. Marie, Mich.
Edith Frederica Cale ..... Deceased
Clifford Clement Cornwell ..... Minister, Buffalo, N. Y.
Evan Milton Evans ..... Lawyer, Middle River, Minn.
Rosella Evans-Griffith ..... Ottawa, Minn.
James Todd Guy ..... Lawyer, Milwaukee, Wis.

Mary Elizabeth Guy-Wallace ..... Spring Valley, Minn.
Walter Mell Hobart ..... Business, Minneapolis, Minn.
Lucy Ma Belle Hyslop-Flinn ..... Redwood Falls, Minn.
Nina Foy Johnson-Wallace ..... Fairmont, Minn.
Margaret Edith Lakey-McDonald ..... Souris, N. D.
Peter McEwen ..... Minister, Indianapolis, Ind.
Luke Edward Marvin ..... Business, Duluth, Minn.
Martha Bessy Olson-Bromley ..... Bayview, Alaska
Stanley Hall Roberts ..... Minister, Dawson, Minn.
Lydia Anna Schroedel-Hobart ..... Minneapolis, Minn.
Clarence Mason Stearns ..... Business, St. Paul, Minn.
Robert Sinclair Wallace ..... Business, Fairmont, Minn.

Class of 1909

Emma Bertelle Barker-Marvin ..... Duluth, Minn.
Lucas H. Brinks ..... Business, Independence, Kan.
Albert Daniel Davies ..... Business, Minneapolis, Minn.
David Roy Jones ..... Deceased
Lulu Lane Piper-Aiken ..... Ontario, Ore.

Class of 1910

George Samuel Barclay Acheson, Field Dir., New Era Movem't, New York City
William Jefferson Bell ..... Minister, Mountain Iron, Minn.
Joseph Vaclav Beran ..... Business, Hibbing, Minn.
Charles Taylor Burnley ..... South St. Paul, Minn.
Edward John Carson ..... Minister Raton, N. M.
John Andrew Evert ..... Physician, Brainerd, Minn.
June Rose Evert-Lanterman ..... Mandan, N. D.
Albert Howard Gammons ..... Minister, Medford, Ore.
Jesse Willis Hamblin ..... Minister, Santa Fe, N. M.
Stanley Hurlbut Hodgman ..... Business, Spokane, Wash.
William Andrew Horne ..... Minister, Rolla, B. C., Can.
Helen Mary Hunt-Bell ..... Mountain Iron, Minn.
Edward Henry Joesting ..... St. Paul, Minn.
John Archibald McEwen ..... Minister, Homer, Ill.
Sarah Grace McMartin-Carson ..... Minneapolis, Minn
Pearl Alma Nash-Evert ..... Brainerd, Minn.
Mildred Gretchen Phillips-Kindy ..... St. Paul, Minn.
Minnie Mae Pierson-Evans ..... Middle River, Minn.
Mary Elsie Raymond-Muhr ..... Elmira, Ore.
Gladys Isabelle Roberts ..... Minneapolis, Minn.
Jeannette Paulina Sawyer-Guild ..... St. Paul, Minn.
Frederick Samuel Shimian ..... Minister, Petaluma, Cal.
Elmer Stuart Smith ..... Lawyer, Centralia, Wash.
Elizabeth Libby Staples-Brown ..... St. Paul, Minn.
Vernon Elliott Stenerson ..... Minot, N. D.
Anna Elizabeth Taylor ..... Chicago, Ill.
Norman Kendall Tully ..... Minister, Eau Claire, Wis.
Ruth Minerva von Dorn-Gammons ..... Medford, Ore.
June Adelia Woodward ..... Teacher, Redwood Falls, Minn.

Class of 1911

William Ernest Baskerville.....Minister, Brookings, Ore.
Charles Bremicker.....Minister, Highland, Wis.
Allan Hill Brown.....Minister, Alma, Mich.
Homer Clyde Cardle.....Business, Hunter, Wash.
Fred F. Carson.....Minneapolis, Minn.
Janet Isabella Dodds.....Principal, Cristobal, Canal Zone
Donald Smith Doty.....Attorney, St. Paul, Minn.
Effie Miranda Ellison-Miner.....Coleraine, Minn.
Hulda Olivia Ellison.....La Moure, N. D.
Oscar Melvin Ellison.....Business, La Moure, N. D.
Marjory Lucy Hanson.....Missionary, Andong, Korea
Bayard William Heed.....Business, Wadena, Minn.
Arthur Billings Hunt.....New York City
Ernest Wilburt Johnson.....St. Paul, Minn.
Ina Elizabeth Lindsley.....Marshall, Minn.
Anna Mae Little-Johnson.....St. Paul, Minn.
Luella Irene Murphy-Dickinson.....Pierpont, S. D.
William Earls Noyes.....Superintendent, Farmington, Minn.
Adelaide Wadsworth Payne.....Teacher, Ely, Minn.
Russell Stephen Peterson.....Superintendent, Henderson, Minn.
Leland William Porter.....Minister, Salem, Ore.
Edna Francis White-Becker.....Amboy, Minn.

Class of 1912

Anna Elizabeth Anderson-Carson.....Raton, N. M.
Dorothy Elizabeth Baumgart.....Teacher, St. Paul, Minn.
Clara Berdan.....Teacher, Albert Lea, Minn.
James Brinks.....Business, Lake Benton, Minn.
Orville Clifton Cardle.....Business, Tacoma, Wash.
Bessie Florence Clark-Cardle.....Tacoma, Wash.
Mabel Emma Cosgrove.....Teacher, Le Sueur, Minn.
Elva May Davis-Westerlund.....Iowa Falls, Ia.
Louise Lombard Davisson-Tripp.....Minneapolis, Minn.
Jessie Ellen Fisher-Thomas.....Guam, Ladrone Islands
Clarence Oscar Graue.....Coeur d'Alene, Idaho
Lilah Agnes Holden-Batten.....Hudson, Wis.
Florence Hunt-Ragsdale.....Okmulgee, Okla.
Earl Duane Jenckes.....Dispatch, St. Paul, Minn.
Clarence Eugene Johnson.....St. Paul, Minn.
Marion Burdick Jones.....Teacher, Eveleth, Minn.
Ruth Anna McKinlay.....Teacher, Medford, Minn.
Clarice Audrey Miller-Noyes.....Farmington, Minn.
Pearl Margueritte Palmer.....Victorville, Cal.
John Gottfried Schmidt.....Teacher, Omaha, Neb.
William Ellison Scott.....South St. Paul, Minn.
Ella A. Stearns.....Jasper, Minn.
Edna Alda Stewart.....Teacher, Watertown, S. D.
Cassie Marie Stoddart.....Teacher, St. Paul, Minn.
Oakley Russell Tripp.....Y. M. C. A., Minneapolis, Minn.

Oscar Westerlund.....Minister, Iowa Falls, Ia.
Muriel Faye Wheeler-Cockram.....Ontario, Ore.
Harry Merrium Willmert.....Business, Hinckley, Minn.
Ralph Calvin Wilson.....Lieutenant, U. S. Army

Class of 1913

Enoch Newman Bengtson.....Rush City, Minn.
Ragna Leonora Bye-Klein.....Minneapolis, Minn.
Lenna May Campbell.....Y. W. C. A., Baltimore, Md.
Wilfrid Gladstone Campbell.....Teacher, Superior, Wis.
Paul Ephraim Carlson.....Superintendent, Elmore, Minn.
Mary Genevieve Carver-Stevens.....St. Paul, Minn.
George Oliver Chase.....Superintendent, Drake, N. D.
Leonard Alvin Clark.....Superintendent, Shakopee, Minn.
Mary Bernice Clark-Evert.....Ely, Minn.
Solomon David David.....Captain, U. S. Army
Emma Joy Frederick-Schmidt.....Delano, Minn.
William Henry Wallace Holley.....Surgeon, Kansas City, Mo.
Berenice Antoinette Kellogg-Hamilton.....Trenton, N. J.
Robert Lloyd Lang.....Mapleton, Minn.
Del Leslie Laughlin.....South Milwaukee, Wis.
Grace Eloise McClure-Voss.....Morris, Minn.
Elmer Shepard MacCourt.....Dentist, St. Paul, Minn.
Joseph Robert Neller.....Chemist, Port Arthur, Tex.
Florence Amelia Otis.....Professor, Drake University, Des Moines, Ia.
Norton Walter Peet.....Deceased
William Conkey Phillips.....Teacher, Eau Claire, Wis.
Edith Beatrice Pierson.....Nurse, Minneapolis, Minn.
Ruth Lynn Porter.....Teacher, Fort Dodge, Iowa
Adeline Marie Rosebrock.....Teacher, Sauk Rapids, Minn.
Mabel Josephine Scott-Peterson.....Mantorville, Minn
Ray Simons.....Teacher, Virginia, Minn.
James Merton Snyder.....Superintendent, Fulda, Minn.
Marie Ellen Thomas.....Teacher, Excelsior, Minn.
Katie Lillian White.....Principal, Preston, Minn.
Vera May Zimbeck-Hartley.....Minneapolis, Minn.

Class of 1914

Carrie Ellen Alvord.....Interpreter, Washington, D. C.
Richard Harlow Anderson.....Superintendent, Huntley, Minn.
Wallace Jay Anderson.....Missionary, Korea
Harold Harvey Baldwin.....Minister, Harrisburg, Pa.
Hosea Greenwood Bosley.....Harlem, Mont.
Arthur George Brown.....Teacher, Menomonie, Wis.
Truman Dean Brown.....Superintendent, Pine City, Minn.
Margaret Buckbee-Greig.....Minneapolis, Minn.
Lulu Ellen Carey-Graue.....Coeur d'Alene, Idaho
Howard Edward Clark.....Deceased
Margaret McGregor Doty.....St. Paul, Minn.
Leslie Lisle Druley.....Business, St. Paul, Minn.
Vera Margery Dunlap-Marvin.....St. Paul, Minn.

Lloyd Gilmore ..... Ashland, Mont.
John Leslie Harvey ..... Minister, Roseville, Cal.
Burton Patriquine Holt ..... Minister, Chicago, Ill.
Alice Louise Lindsley ..... Teacher, Ortonville, Minn.
Bessie Elizabeth Lovell ..... Teacher, Amboy, Minn.
Edward Everett McCabe ..... Deceased
Mable Mohr-Smith ..... Wilkinsburg, Pa.
Esther Neller ..... Teacher, Nashwauk, Minn.
Evelyn Pickthorn ..... LaFayette, Ga.
Helen Maria Prosser-Pike ..... Gilbert, Minn.
Harold Percy Roberts ..... Teacher, Appleton, Minn.
Gertrude Gray Smith ..... Teacher, St. Paul, Minn.
Helen Antonia Stratte ..... Librarian, Biwabik, Minn.
Selma Ovidia Stratte-Watkins ..... Carlton, Minn.
Florence Adell Switzer-Hamil ..... Two Harbors, Minn.
Charles Albert Thomas ..... Business, St. Paul, Minn.
Elmer Wilcox Trolander ..... Chicago, Ill.
Della Ann Trotter-Brown ..... Menomonie, Wis.
Lucius Harlow Watkins ..... Carlton, Minn.

Class of 1915

Clark Albin Abrahamson ..... Chemist, Coleraine, Minn.
Paul Benjamin Bremicker ..... Y. M. C. A., Minneapolis, Minn.
Olive Margaret Brown-Staudenmaier ..... Aitkin, Minn.
Mary Reid Cardle-Zabel ..... Delavan, Minn.
Edward Maurice Clark ..... Graduate Student, Edinburgh, Scotland
Luella Clara Conley-Barry ..... Williston, N. D.
Margaret Defiel-Shaker ..... St. Paul, Minn.
Josephine Dixon-Mangen ..... Morris, Minn.
Gwendolyn Lotimer Eastman-Disbrow ..... Alcester, S. D.
Eunice Geer Finch ..... Deceased
Alice Julia Flinn-Godfrey ..... St. Paul, Minn.
Edith Almeda Haigh ..... Teacher, St. Cloud, Minn.
Hillard Herman Holm ..... Physician, Cokato, Minn.
Catharine Deaver Lealtad ..... Teacher, Cincinnati, O.
Mabel Griffiths Montgomery ..... Teacher, Seattle, Wash.
John Samuel Nyquist ..... Homestead, Mont.
Emily Helen Payne ..... Instructor, U. of M.
Madge Porter ..... Teacher, Cavalier, N. D.
Frieda Jeannette Radusch ..... Physician, Rapid City, S. D.
Plato Earl Sargent ..... Lawyer, Red Wing, Minn.
Herbert Harrison Sell ..... Teacher, Fertile, Minn.
Ruth Virden Slagg ..... Pipestone, Minn.
Henry Frank Softley ..... Minister, St. Paul, Minn.
Gwendolyn Bromley Williams-Slade ..... Minneapolis, Minn.
Bert Benjamin Willmert ..... Blue Earth, Minn.

Class of 1916

Arthur Glenn Adams ..... Teacher, Assiut College, Egypt
Grace Emily Brown ..... Teacher, Elma, Wash.
Beryl Alberta Brownlee ..... Teacher, Laramie, Wyo.

Gordon Lyman Brownlee.....Business, St. Paul, Minn.
George Rowland Collins.....Professor, New York U., New York City
Edna Marguerite Cottrell.....Teacher, Medford, Ore.
Thomas Crocker.....Missionary, Barranquilla, Colombia, S. A.
Francis Marion Dana.....Teacher, Collingwood, N. J.
Marie Eleanor de Booy.....Nurse, Baltimore, Md.
Margaret Douglass Downing.....Teacher, St. Paul, Minn.
Ruth Marie Featherstone.....Teacher, Teller, Iowa
William Taber Greig.....Business, Minneapolis, Minn.
Helen Charlotte Gullikson-Willmert.....Hinckley, Minn.
Vergil Homer Guthrie.....Deceased
Frank Edward Hall.....Little Falls, Minn.
Arthur Bristow Hood.....Business, Rapid City, S. D.
Isabelle Howard.....Business, Minneapolis, Minn.
Howard Neff Huelster.....Business, St. Paul, Minn.
Vincent Raymond Hunt.....Teacher, Bricelyn, Minn.
Constance Darling Hunter.....Long Beach, Cal.
Bertha Mamie Hurr.....Teacher, Miller, S. D.
Gordon Lewis Keeley.....Business, Montrose, Minn.
Christopher Leo Kenny.....Teacher, Helena, Mont.
Fred Joseph Kenny.....Teacher, Ivanhoe, Minn.
Thomas Kees Laird.....Teacher, Hesperus, Colo.
David Nathaniel Ling.....Business, Mankato, Minn.
John Thompson McCallum.....Teacher, Macalester Col., St. Paul, Minn.
Jessie Elizabeth McClure.....Teacher, Atwater, Minn.
Emily Lois McConkey-Baldwin.....Harrisburg, Pa.
Erwin Herbert Metag.....Superintendent, Belview, Minn.
Loana Miriam Miller-Norris.....St. Paul, Minn.
Anna Seraphina Nelson.....Mora, Minn.
Andrew Hilmer Norum.....Minister, St. Paul, Minn.
Adolf Olson.....Teacher, St. Paul, Minn.
Sadie Porter.....Principal, Wells, Minn.
Howard Johnson Rankin.....St. Paul, Minn.
Zylpha Lauretta Sharpe.....St. Paul, Minn.
John Lyman Sheean.....Business, Keokuk, Ia.
Alice Emma Stearns.....Jasper, Minn.
Olga Constantine Terzieff-Ivanoff.....Ann Arbor, Mich.
Stella Alice Tuttle-Baird.....Great Falls, Mont.
Vera Marie Utter-Hood.....Rapid City, S. D.
William Liston Walker.....Teacher, Battle Lake, Minn.
Irving Howard Williams.....Business, Minneapolis, Minn.
Margaret Jane Williams.....Cleveland, Ohio

Class of 1917

Effie Alice Adams.....Teacher, International Falls, Minn.
Wylie Gustave Akenson.....Business, St. Paul, Minn.
Oscar Lee Black.....Minister, Jeffersonville, Ind.
Ellen Mary Chase.....Teacher, Sherman, S. D.
Lajla Marie Dale.....Y. W. C. A. Secretary, Minneapolis, Minn.
Gladys Somers Dallimore.....St. Paul, Minn.
Herbert Emil Dierenfield.....Theological Student, Chicago, Ill.

Alice Muriel Everts-Easton.....Kelliher, Minn.
Emanuel Ossian Franklin.....Teacher, Minneapolis, Minn.
Charles Gerlinger.....Theological Student, Princeton, N. J.
Wallace Graydon Gibson.....Lieut., U. S. Marine Corps
Pauline Hayes.....St. Paul, Minn.
Milton Boyce Hebeisen.....Graduate Student, U. of Ill.
Ethelwyn Annette Hopkins.....Teacher, Macalester College
Charles Stanley Knott.....Minister, Mill City, Ore.
Violet Helena Knutson.....Teacher, Ely, Minn.
John Arthur Lewis.....Teacher, Trenton, N. J.
Ethel Marie McClure.....Chicago, Ill.
Swan William Mattson.....Minister, Paskin, Wis.
Evelyn Bradbury Page.....Teacher, White Bear, Minn.
Harriet Phillips.....Teacher, Stillwater, Minn.
Esperanza Reina.....Y. W. C. A., El Paso, Texas
Joseph Howard Rhoads.....Teacher, Rochester, Minn.
Allen John Robertson.....Business, Minneapolis, Minn.
Irving John Roth.....Deceased
Evelyn Mary Rumble.....St. Paul, Minn.
Esther Atta Schumann-Brownlee.....St. Paul, Minn.
Gertrude Simons.....Principal, Lake Crystal, Minn.
Fremont David Taylor.....Graduate Student, U. of Minn.
Anna Marie Wagner.....Teacher, Edinburg, Ill.
Lucille Anna Wilkerson.....Teacher, Barnesville, Minn.
Clarence Charles Willmert.....Business, Minneapolis, Minn.

Class of 1918

Donald Leslie Augustine.....Instructor, Johns Hopkins University
Leonard Bedient Brabec.....Wilson, N. C.
Lucia Rebecka Brown.....Teacher, Thief River Falls, Minn.
Ella Isabelle Clapp-Peake.....St. Paul, Minn.
Walfred Danielson.....Teacher, St. Paul, Minn.
Dorothy Dornberg.....St. Paul, Minn.
Ruth Emhoff-Dale.....Madison, Minn.
John Kenneth Erickson.....Lawyer, Mitchell, S. D.
Erling Eriksen.....Teacher, Stewartville, Minn.
Edith Sophia Gunderson.....Teacher, Appleton, Minn.
Margaret Lila Hammond.....Teacher, Red Wing, Minn.
Victor Arnold Heed.....Teacher, Elmore, Minn.
James Kydd Hilyard.....Professor, Straight College, New Orleans, La.
Frank Orville Holmes.....Theological Student, Cambridge, Mass.
Alice Erra Hough.....Teacher, Sauk Center, Minn.
Esther Jerabek.....Teacher, Pillager, Minn.
Eugenie Marie Legault.....Teacher, Grafton, N. D.
Marian Louise Lesher.....Teacher, Red Lake Falls, Minn.
Glenn Nyren McNaughton.....Law Student, Cambridge, Mass.
Howard Hope McNiven.....Superintendent, New London, Minn.
Lois Marvin.....Teacher, Duluth, Minn.
Ernest Gustav Norstrom.....Teacher, Pine River, Minn.
John Alexander Patterson.....Principal, Windom, Minn.
Hazel Louisa Roche.....Teacher, Anoka, Minn.

Helen Isabel Sivertson.....Teacher, Crookston, Minn.
Myrtle Dorothy Steen.....Teacher, Blackfoot, Idaho
Miriam Winifred Wallace-Scanlon.....Pittsburgh, Pa.
Ruth Azalia Webster.....St. Paul, Minn.
Nancy Olivia Wick.....Teacher, Waseca, Minn.
Amelia Wolf- Stemen.....Canal Winchester, Ohio

Class of 1919

Leila Arvilla Atcherson.....Teacher, Buffalo, Minn.
Dorothy Badger-Keeley.....Montrose, Minn.
Bertha Blair.....Duluth, Minn.
Cleo Louise Brandrup.....Teacher, Eveleth, Minn.
Hellen Clark.....Teacher, St. Cloud, Minn.
Florence Anna Defiel.....St. Paul, Minn.
Paula Doermann.....Teacher, Minneapolis, Minn.
Muriel Emily Carr Eastman.....Teacher, Alcester, S. D.
Lucile Grace Farrell.....Teacher, Lakefield, Minn.
Melvin Louis Gundlach.....Superintendent, Chester, Iowa
Anna Estelle Hammerlun.....Teacher, Adams, Minn.
Tillie Hansen.....Teacher, Willmar, Minn.
Hulda Hanson.....Teacher, New London, Minn.
Helen Kay Hargreaves.....St. Paul, Minn.
Wesley Arthur Kohl.....Principal, Buffalo Lake, Minn.
Raymond Horace Landon.....Minneapolis, Minn.
Amy Marie Le Vesconte.....Teacher, Montrose, Minn.
Alice Vivian Little.....Madison, Minn.
Margaret McLeod-Crocker.....Barranquilla, Colombia, S. A.
Helen Willina McRae.....Teacher, Lake Crystal, Minn.
Marion Gertrude Reader.....Teacher, Mabel, Minn.
Gladys Harriett Reutiman.....Teacher, Cando, N. D.
Clara Goldena Robinson.....Teacher, Mankato, Minn.
Ada Rose Stalker.....Teacher, Duluth, Minn.
Helen Strachan.....Teacher, Duluth, Minn.
Helene May Thomas.....Teacher, Oakes, N. D.
Clarinda Eleanor Trandem.....Medical Student, St. Paul, Minn.
Charles M. Wenzel.....Teacher, Wheaton, Minn.
Margaret Eliza Wharry-Winford.....Owensboro, Ky.

Class of 1920

Julian Francis Anderson.....Preston, Minn.
Vern L. Berryman.....St. Paul, Minn.
Marion Catherine Cardle.....Teacher, Mountain Iron, Minn.
Florence Claus.....St. Paul, Minn.
May Charlotte Coleman.....Teacher, Truman, Minn.
Marion Armerel Conger.....Teacher, Lamberton, Minn.
Orin Montgomery Corey.....Teacher, Janesville, Wis.
Joseph Douglas Crane.....St. Paul, Minn.
Constance Cronhardt.....Graduate Student, New York City
Gerald Curtis Dale.....Madison, Minn.
Alice Grace Davidson.....Teacher, Windom, Minn.
Marjorie Dornberg.....Teacher, Clara City, Minn.

Lucile Jeannette Erickson-Groskientz.....Lake Wilson, Minn.
Alice Mary Fletcher.....Teacher, Flandreau, S. D.
Ethel Alice Fletcher.....Teacher, Herman, Minn.
Lillian Taylor Flitch.....Teacher, Annandale, Minn.
Frances Ruth Gordon.....St. Paul, Minn.
Florence Elizabeth Gow.....Teacher, Fairfax, Minn.
Ralph Everett Greig.....Business, St. Paul, Minn.
Roy Alfred Greig.....Teacher, Anoka, Minn.
Hazel Mary Griffith.....Teacher, Alden, Minn.
Paul Grosshuesch.....Minister, St. Paul, Minn.
Jesse Collins Hales.....Teacher, Gardner, Mass.
Louise Elizabeth Hall.....Minneapolis, Minn.
Veva Ruth Halverson.....Teacher, Redwood Falls, Minn.
Spruel Edward Heard.....Minneapolis, Minn.
Elsie Ethel Heimer.....Teacher, Henderson, Minn.
Ruth Anna Helweg.....Teacher, Waterville, Minn.
Claude Douglas Holzinger.....Principal, Fulda, Minn.
Ruth Hoxie.....Teacher, Duluth, Minn.
Dorothy Wilder Hutchinson.....University of Pittsburgh
Frances Lucy Hyslop.....Teacher, Long Prairie, Minn.
George Arthur Jensen.....St. Paul, Minn.
Linnea Margaret Johnson.....Teacher, Ogilvie, Minn.
Merle Constance Johnson.....St. Charles, Minn.
Anna H. Johnston.....Teacher, Fulda, Minn.
Clara Dunlavy Jones.....Teacher, Rapid City, S. D.
Walter Philip Keller.....Principal, Waterville, Minn.
Adolf Kongelf.....Business, Minneapolis, Minn.
Carrie Louise Krugmeier.....Teacher, Hoffman, Minn.
Gertrude Helene Krugmeier.....Teacher, Barrett, Minn.
Germaine Labadie.....Teacher, Duluth, Minn.
Mae Cecile Landeene.....Teacher, Le Roy, Minn.
Winifred Violet Lapp.....Teacher, Hallock, Minn.
Marie Lee.....Montrose, Colo.
Marthe LeLoupp.....Teacher, Sioux Falls, S. D.
Mildred Irving Leven.....Teacher, Kasson, Minn.
Russell William Lewis.....St. Paul, Minn.
Myron Louis Lorenz.....Business, Rolla, N. D.
Helen Edna McGee.....Teacher, Greeley, Colo.
Sana Beth McKenny.....Teacher, Le Sueur Center, Minn.
Marion Leola McLeod.....Chicago, Ill.
Laura Marles.....Instructor, Macalester College,
Jean Florence Mosier.....Teacher, Fertile, Minn.
Norman Eugene Nygaard.....Theological Student, Omaha, Neb.
Violet May Olson.....Teacher, Le Sueur Center, Minn.
William Isaac Orlebeke.....Teacher, Foley, Minn.
Lloyd Ernest Peabody.....Teacher, Preston, Minn.
Mildred Peabody.....Teacher, Plainview, Minn.
Florence V. Pearson.....Teacher, Ely, Minn.
Irene Marguerite Petersen.....Teacher, Slayton, Minn.
Ruth Amelia Rost.....Teacher, Montrose, Minn.

William John Shogren.....Teacher, Hallock, Minn.
Alice Burgoyne Spencer-McLean.....Minneapolis, Minn.
Milton Francis Sturtevant.....St. Paul, Minn.
Zenas Howland Taylor.....Manitou, N. D.
William Carson Thompson, Jr.....Graduate Student, University of Chicago
Daniel Thomas Thomassian.....Teacher, Moose Lake, Minn.
Chester Martin Tobin.....Y. M. C. A., St. Paul, Minn.
Arthur Louis Whiton.....Minneapolis, Minn.

Alumni of the Conservatory of Music

Class of 1900

Mrs. Maud Taylor-Hansen ..... Minneapolis, Minn.

Class of 1901

Millicent Viola Mahlum-Kelts ..... Columbus, Mont.

Class of 1905

Grace Taylor-Franklin ..... Emerado, N. D.
Mrs. W. H. Amos ..... Portland, Ore.

Class of 1906

Carmen Mahlum ..... Brainerd, Minn.
Pearl Neeb ..... Lewiston, Minn.
Charrie Roberton-Simonds ..... Minneapolis, Minn.
Mildred Gretchen Phillips-Kindy ..... St. Paul, Minn.
Paul H. Th. Rusterholz ..... St. Paul, Minn.

Class of 1907

Gyda Hansen ..... St. Paul, Minn.
Richard U. Jones ..... St. Paul, Minn.

Class of 1908

Ethel Erkenbrack-Funk ..... Minneapolis, Minn.
Ada Nash-Patterson ..... Edgerton, Minn.
Gladys Neff ..... Neillsville, Wis.
Minnie Tullar-Doty ..... St. Paul, Minn.
Clara Odenwald-Abbet ..... Minneapolis, Minn.

Class of 1909

Lorraine Vern Miller ..... La Moure, N. D.
Rhea Le Pierre Rocheleau-Blake ..... Portland, Ore.
Anna May Woodworth-Lunn ..... St. Paul, Minn.

Class of 1910

Ardelia Bisbee ..... Madelia, Minn.
Mildred C. Corliss ..... Portland, Ore.
Ada Dahlgren ..... St. Paul, Minn.
Lillian Hall ..... Minnewaukan, N. D.
Estelle Spayde ..... Rapid City, S. D.

Class of 1911

Charlotte Burlington ..... Philadelphia, Pa.
Elva May Davis-Westerlund ..... Iowa Falls, Iowa
Katherine Gamble-Baskerville ..... St. Paul, Minn.
Myrtha Marie Gunderson ..... St. Paul, Minn.
Ethel Haggard-Stewart ..... St. Paul, Minn.
Stella Wilhelmina Heger-Wilson ..... St. Cloud, Minn.

Class of 1912

Mary Genevieve Carver-Stevens ..... St. Paul, Minn.
Ethel Wilcox ..... Mankato, Minn.
Lottie M. Olson-Taralseth ..... Warren, Minn.
Alice R. Olson ..... Fargo, N. D.
Louise Appel ..... Springfield, Minn.
Erna Appel ..... Springfield, Minn.

Class of 1913

Harriet Martha Caldwell-Randall ..... Monango, N. D.
Constance Pearl Johnson ..... Brookings, S. D.
Alice Elvira Larson-Sivertson ..... Alexandria, Minn.
Geneva Samson-Dinwoodie ..... St. Paul, Minn.
Ethel May Stewart ..... St. Paul, Minn.
Stella Alice Tuttle-Baird ..... Great Falls, Mont.
Margaret Jane Williams ..... Cleveland, Ohio
Gladys Ruth Ziesemer ..... St. Paul, Minn.

Class of 1914

Jean Adie-Hullsiek (Bachelor of Music) ..... St. Paul, Minn.
Harriet Caldwell ..... Monango, N. D.
Mabel Reed ..... St. Paul, Minn.
Hazel Roche ..... Anoka, Minn.
Evelyn Rumble ..... St. Paul, Minn.
Blanche Runyon-Rose ..... St. Paul, Minn.
Mildred Skauge ..... Brainerd, Minn.
Ruth Spater ..... St. Paul, Minn.
Clarence Vokoun ..... St. Paul, Minn.
Amelia Wolf-Stemen ..... Canal Winchester, Ohio
Vernie Wolfsberg ..... St. Paul, Minn.

Class of 1915

Albina Agnes Minar ..... Browerville, Minn.
Frank C. L. Minar ..... Browerville, Minn.
Grace Evangeline Olen ..... St. Paul, Minn.
Olive E. Scott ..... Stillwater, Minn.
Ann Elizabeth Shell ..... Wallowa, Ore.
Ethel Genevieve Tamborino ..... St. Paul, Minn.
Grace Marie Waddell ..... St. Paul, Minn.
Maude Julia Wanzer ..... Charleston, W. Va.

Class of 1916

Lilah Bellingham ..... Lordsburg, N. M.
Lajla Dale ..... Minneapolis, Minn.
Elizabeth Erickson ..... Bemidji, Minn.
Pearl Fox-Nearpass ..... St. Paul, Minn.
Edith Gunderson ..... Appleton, Minn.
Louis Jacobi ..... St. Paul, Minn.
Grace O'Neale ..... St. Paul, Minn.
Mildred Peabody ..... St. Paul, Minn.
Harriet Pierpont-Smith ..... Bruce, Wis.
Evelyn Rumble (Bachelor of Music) ..... St. Paul, Minn.
Daniel Thomassian ..... Moose Lake, Minn.
Janet Vokoun ..... St. Paul, Minn.

Class of 1917

Leonard Brabec ..... Wilson, N. C.
Lucile Farrell ..... Lakefield, Minn.
Lena Halverson ..... St. Paul, Minn.
Pearl Kaehler ..... St. Charles, Minn.
Ruth Merryman Hoglund ..... Kerkhoven, Minn.
Margaret Mount ..... St. Paul, Minn.
Harriet Phillips ..... Stillwater, Minn.
Agnes Wunderlich ..... St. Paul, Minn.

Class of 1918

Lean Ellerbe ..... St. Paul, Minn.
Lucile Farrell (Bachelor of Music) ..... Lakefield, Minn.
Gred Hoyer ..... New York City
Lwendolin Lomnes ..... Honolulu, Hawaii
Laura Lynch ..... Orr, N. Dak.
Marion Saunders-Pantell ..... Muskogee, Okla.
Helen Strachan ..... Duluth, Minn.
Margaret Wharry-Winford ..... Owensboro, Ky.

Class of 1919

Marion Bagley ..... St. Paul, Minn.
Florence Hastedt ..... St. Paul, Minn.
Anna Redlack ..... St. Paul, Minn.
Emma Schroeder ..... St. Paul, Minn.
Doris Utter ..... St. Paul, Minn.

Class of 1920

Ione Vilona Pickle ..... Madison, Minn.
Ruth Majorie Swift ..... No. St. Paul, Minn.
Edith Vera Willford ..... Canton, Minn.
Lydia Emily Wrbitzky ..... Silver Lake, Minn.

Roll of Students

Senior Class

Grace Bross ..... St. Paul, Minn.
Leslie Willis Brown ..... St. Paul, Minn.
Alvin Clayton Busse ..... St. Paul, Minn.
Grace Julia Calder ..... Chippewa Falls, Wis.
William Gibson Claffy ..... Two Harbors, Minn.
Marguerite Craig ..... Bottineau, N. D.
Bonnie Davies ..... Pipestone, Minn.
William Tammel De Boer ..... St. Paul, Minn.
Esther Deakin Donnelly ..... St. Paul, Minn.
Lenice Evelyn Felthous ..... St. Paul, Minn.
John Louis Ferry ..... Outlook, Sask.
Robert Francis Gale ..... St. Paul, Minn.
Elsie Genevieve Gerlach ..... Barnum, Minn.
Donald Henry Griffith ..... St. Vincent, Minn.
Grace Marie Guilford ..... Minneapolis, Minn.
Marion Ethel Haigh ..... St. Paul, Minn.
Doris Halverson ..... Revillo, S. D.
Willis Blackford Hazleton ..... Excelsior, Minn.
Guy Louis Hill ..... St. Paul, Minn.
Myrtle Genevieve Hynes ..... Winnebago, Minn.
Ruth Gladys Isker ..... Minneapolis, Minn.
Florence Wilhelmina Johnson ..... St. Paul, Minn.
Frederick Ben Johnson ..... Hopkins, Minn.
Helmer Gerhardt Johnson ..... Belview, Minn.
Frances Helen Krenger ..... St. Paul, Minn.
Lawrence Joseph Legault ..... Argyle, Minn.
James D. Lightfoot ..... Cloquet, Minn.
Raymond Delos Lilley ..... St. Paul, Minn.
Helen Frances McLean ..... St. Paul, Minn.
Donald Clark McLeod ..... Minneapolis, Minn.
Jessie Norris Mayo ..... Wahkon, Minn.
Mary Mixer ..... St. Paul, Minn.
Helen Arabella Newell ..... Albert Lea, Minn.
Pearl Isabella Nisbet ..... Mora, Minn.
Edward Oakley Paden ..... Mankato, Minn.
Lillian Marie Paulson ..... St. Paul, Minn.
Ione Vilona Pickle ..... Madison, Minn.
Ellen Marie Pope ..... Mora, Minn.
Dorothy Pratt ..... St. Paul, Minn.
Allen Arthur Rock ..... Two Harbors, Minn.
Elizabeth Schade ..... Sisseton, S. D.
Erich Paul Schwandt ..... Buffalo, N. D.
George Eddy Scotton ..... Fort Dodge, Iowa
Ruth Marjorie Swift ..... No. St. Paul, Minn.
Florabel Elenor Wickett ..... Canton, Minn.
Vera Emerson Wilcox ..... Minneapolis, Minn.
Winifred Wilkerson ..... St. Paul, Minn.
Edith Vera Willford ..... Canton, Minn.
Ruth Willson ..... St. Paul, Minn.

Junior Class

Carl Gust Anderson ..... St. Paul, Minn.
Ella Louise Anderson ..... Ortonville, Minn.
Lillian Grace Anderson ..... Ortonville, Minn.
Rufus Alonzo Barackman ..... Thief River Falls, Minn.
Roland Robert Beggs ..... Minneapolis, Minn.
Percy Judson Bevis ..... Duluth, Minn.
Holley Jean Brandrup ..... Mankato, Minn.
Paul Herbert Brandt ..... Murdock, Minn.
Jeanne Catharine Brown ..... St. Paul, Minn.
Leland Davidson Case ..... Mankato, Minn.
Isabella Clark ..... Rockville, Minn.
Archie Davis Cummings ..... Beaver Creek, Minn.
Joyce Edna Dauwalter ..... Carver, Minn.
Emil Joakim Fogelberg ..... St. Paul, Minn.
Eugenio Fonbuena ..... Philippines
Elmer William Fondell ..... Dawson, Minn.
Harland Hubbard Goetzinger ..... St. Paul, Minn.
Mary Adelaide Roe Granger ..... Aberdeen, S. D.
Ward Marshall Gray ..... Minneapolis, Minn.
Wilton Bernard Gundlach ..... St. Paul, Minn.
Stuart Wesley Hannah ..... Fisher, Minn.
Bernice Goldia Horton ..... Round Lake, Minn.
Marguerite Leonora House ..... Cass Lake, Minn.
Myrtle House ..... Cass Lake, Minn.
Alice Lois James ..... Madelia, Minn.
Richard M. James ..... Madelia, Minn.
Olive Cecelia Johnson ..... Clifton, Kans.
Ida Merle Leas ..... St. Paul, Minn.
Dewey John Arthur Lindquist ..... Belgrade, Minn.
Hazel Vivian Lundsten ..... Waconia, Minn.
Margarette Ralston McNaughton ..... Redwood Falls, Minn.
Alice Maulsby ..... Sykeston, N. D.
Bertha Louise Medcalf ..... St. Paul, Minn.
Grace Violet Nystrom ..... Minneapolis, Minn.
Edith Marie Olson ..... St. Paul, Minn.
Clarence Myles Purves ..... Tracy, Minn.
Margaret Irene Rappe ..... St. Paul, Minn.
Helen Frances Reed ..... St. Paul, Minn.
Agnes Elizabeth Roberton ..... Minneapolis, Minn.
Arline Osgood Sander ..... St. Paul, Minn.
Anna Belle Scidmore ..... Clark, S. D.
Eleanore Florence Spates ..... St. Paul, Minn.
Lucile Strachan ..... Duluth, Minn.
Harlan Edgar Tripp ..... St. Paul, Minn.
Leslie Elliott Tripp ..... St. Paul, Minn.
Ruth Morse Upton ..... Worthington, Minn.
Doris Evelyn Utter ..... St. Paul, Minn.
Marshall Franz Westerlund ..... St. Paul, Minn.

Sophomore Class

Saturnino F. Abasolo.....Philippines
Elsie Violet Anderson.....St. Paul, Minn.
Ardith Yvonne Arpin.....Minneapolis, Minn.
Laurence Emanuel Aurelius.....St. Paul, Minn.
Ralph Baerman.....Rushford, Minn.
Ruth Marion Balcome.....St. Paul, Minn.
Dorothy Beth Barck.....Albert Lea, Minn.
Mae Ella Barclay.....Cass Lake, Minn.
Lillian Augusta Beck.....Mountain Iron, Minn.
Albert Arnold Beltman.....Tower City, N. D.
Anna Celina Bergstedt.....Amery, Wis.
Paul Adolph Bjelland.....Mankato, Minn.
Helen Christine Brandt.....Murdock, Minn.
Alma Catherine Bricher.....Kellogg, Minn.
Lewis Charles Burnett.....Austin, Minn.
Paul Theodore William Carlson.....Minneapolis, Minn.
Marion Beatrice Colby.....St. Paul, Minn.
Robert Lee Coleman.....Elbow Lake, Minn.
Margaret Mae Custer.....Howard Lake, Minn.
Dosia Wilhelmina Dietz.....St. Paul, Minn.
Wesley Edward Doms.....Slayton, Minn.
Cary Egbert Donaldson.....Minneapolis, Minn.
Ella Ruth Eide.....Rushmore, Minn.
Mitford Ellsworth.....St. Paul, Minn.
Nellie Henrietta Erickson.....Minneapolis, Minn.
Russell Ericson.....Minneapolis, Minn.
Edward Humphrey Evans.....Duluth, Minn.
Stanley Claude Faragher.....Adrian, Minn.
Freeman Forest Fosseen.....Minneapolis, Minn.
Edith Ione Foster.....Minneapolis, Minn.
Opal Rossina Giebler.....Stillwater, Minn.
Marjorie Lucille Greive.....Plainview, Minn.
Nina Purcell Gunnison.....Minneapolis, Minn.
Kathryn Alice Guy.....Oakes, N. D.
Harold Curtis Hand.....Tolna, N. D.
Mace Van Sant Harris.....Fergus Falls, Minn.
Walter Samuel Hauser.....Minneapolis, Minn.
Marguerite Higgins.....Delano, Minn.
Henry Richard Holman.....Nunda, S. D.
Lucius John Hunt.....Bricelyn, Minn.
Marjorie Luella Hyslop.....Fulda, Minn.
Mary Lucy Hyslop.....Fulda, Minn.
Victor Elmer Jacobson.....Aitkin, Minn.
Linus Johnson.....St. Paul, Minn.
Myretta Jane Johnston.....Forest River, N. D.
Lily Veness Jones.....Albert Lea, Minn.
Margaret Ann Keran.....St. Paul, Minn.
Dora Koberg.....St. Paul, Minn.
Edmund Harry Larson.....St. Paul, Minn.

James Knights Lawrence ..... Belt, Mont.
Pearl Margaret Leibbrand ..... Jordan, Minn.
Ray Ellis Lemley ..... Creston, S. D.
Nathaniel Logan Leven ..... St. Paul, Minn.
Harriet Sybil Lewis ..... Chisholm, Minn.
Ruth Marguerite Lindbloom ..... Stillwater, Minn.
Margaret Little ..... Madison, Minn.
Philander Gilbert McKeown ..... Medford, Minn.
Charlotte Clara Marvin ..... Duluth, Minn.
Ezra Meckel ..... Le Sueur, Minn.
Silas Archie Meckel ..... Le Sueur, Minn.
Marion Mills ..... St. Paul, Minn.
Pearl Catherine Murray ..... St. Paul, Minn.
William Edgar Nelson ..... Felton, Minn.
Evelyn Loyetta Newcomer ..... Rapid City, S. D.
Theodore Frederick Norman ..... Somers, Mont.
Elmer Edward Nyberg ..... St. Paul, Minn.
Dorothy Olds ..... St. Cloud, Minn.
Evelyn Olson ..... Chisholm, Minn.
Mary Gwen Owen ..... Mandan, N. D.
Margaret Lucile Paden ..... Mankato, Minn.
Carroll Peter Palm ..... Minneapolis, Minn.
Hector Perrier ..... St. Paul, Minn.
Vera Anne Petersen ..... Pipestone, Minn.
Maurice Edmund Phillips ..... Minneapolis, Minn.
Caroline Elsa Radde ..... White Rock, S. D.
Lillian Faith Reynolds ..... Doon, Iowa
Ruth Eugenia Rice ..... St. Paul, Minn.
Hervey Morris Richardson ..... Morris, Minn.
Eric Arthur Rinell ..... Shantung, China
Russell Lincoln Robinson ..... Warren, Minn.
Robert Edwin Rock ..... St. Paul, Minn.
William Rock ..... St. Paul, Minn.
Julia Alfrida Rost ..... Kerkhoven, Minn.
Cornelia June Rowley ..... Granada, Minn.
Frank Maxwell Scott ..... Two Harbors, Minn.
Paul Bryan Smith ..... Truman, Minn.
Spencer Horace Smith ..... Wayzata, Minn.
Winston Blackburn Smythe ..... Buffalo, Minn.
Gilbert Miller Stevenson ..... Duluth, Minn.
Esther May Stone ..... Afton, Minn.
Esther Dorothy Strand ..... Clark, S. D.
Agna Elfrida Strander ..... Crookston, Minn.
Miriam Jeannette Sylvester ..... Olivia, Minn.
Evan Arthur Thomas ..... Sherburn, Minn.
Paul Tinnes ..... Adrian, Minn.
Harold Henry Vandersluis ..... Fergus Falls, Minn.
Donald Ritchie Wadle ..... Vinton, Ia.
Floyd Luchsinger Wentworth ..... Mantorville, Minn.
Frank Laurence White ..... Amboy, Minn.
Amy Linnea Widing ..... St. Paul, Minn.

Nora Olivia Wilcox.....Pine City, Minn.
Nell Grace Williams.....Pelican Rapids, Minn.
William Alexander Williams.....Owatonna, Minn.
Ernest Gordon Wood.....Berlin, N. D.
Ralph Anderson Yeo.....St. Paul, Minn.
Elsie Jeannette Yungbauer.....St. Paul, Minn.

Freshman Class

Mabel Olive Ahlgren.....St. Cloud, Minn.
Edna May Aldrich.....St. Paul, Minn.
Potter Duane Aldrich.....St. Paul, Minn.
Clifford Allen.....Browns Valley, Minn.
Delphine Ida Anderson.....St. Paul, Minn.
Enor Anderson.....St. Paul, Minn.
Majel Elizabeth Anderson.....St. Paul, Minn.
Arthur Eugene Armstrong.....St. Paul, Minn.
Sigfried Donovan Arnquist.....New Richmond, Wis.
Lois Adelaide Avery.....Minneapolis, Minn.
Ernest Arthur Bailey.....Winnebago, Minn.
Robert Neff Barr.....Clitherall, Minn.
Catherine Bates.....St. Paul, Minn.
Lorena Bede.....Pine City, Minn.
Mildred Atlanta Bennetson.....Appleton, Minn.
Eloise Marian Benson.....Minneapolis, Minn.
Russell Billings.....Stewartville, Minn.
Lyle Roscoe Bonham.....St. Paul, Minn.
Benjamin Briggs Bonnell.....St. Paul, Minn.
Roy Oscar Bostrom.....Max, N. D.
Richard Sloane Bowden.....St. Paul, Minn.
Ruth Lenore Bowman.....St. Paul, Minn.
Elbert Parker Boyden.....St. Paul, Minn.
Vivian Brand.....St. Paul, Minn.
Christian Frederick Brandt.....St. Paul, Minn.
Munro Yuill Brett.....Stephen, Minn.
James Lawrence Brown.....St. Paul, Minn.
Marguerite Brown.....St. Paul, Minn.
Hilma Adele Brunius.....Carver, Minn.
Florence Elizabeth Bullard.....St. Paul, Minn.
Theodore Roosevelt Burges.....Clara City, Minn.
Donald Wilfred Burgett.....Hudson, Wis.
Marie Cadwell.....Le Sueur, Minn.
John Wesley Callender.....Minneapolis, Minn.
William Charles Carlson.....St. Paul, Minn.
Helen Center.....Mandan, N. D.
Elizabeth Crawford Chadwick.....Philadelphia, Pa.
Marian Rose Chambers.....Owatonna, Minn.
Donald Grant Clark.....Rockville, Minn.
William Edward Clark.....Minneapolis, Minn.
Frances Burrel Clausen.....Kenyon, Minn.
Mildred Ione Cloney.....Stillwater, Minn.
Colin Coulter.....Forest Lake, Minn.
Alieda Theodora De Boer.....St. Paul, Minn.

Lenora Esther Deters.....St. Paul, Minn.
Arthur Emerson Dickson.....Amboy, Minn.
James Dickson.....Dalzell, S. D.
Janet Gertrude Donaldson.....Minneapolis, Minn.
Cecil Ellsworth Dunham.....Minneapolis, Minn.
Edith Hortense Elder.....De Witt, Iowa
Harry Golden Elletson.....Buffalo, Minn.
Ruth Lolita Empey.....Farmington, Minn.
Reinhold Milton Ericson.....Minneapolis, Minn.
Erik Harold Ericsson.....Kolsva, Sweden
Edmund Merrill Fenstad.....St. Paul, Minn.
Irma Elizabeth Fliehr.....Virginia, Minn.
Edna Fowler.....Casselton, N. D.
Ernest Lewis Friend.....Minneapolis, Minn.
Douglas Moore Garrow.....St. Paul, Minn.
Charles Paul Gengnagel.....Parkers Prairie, Minn.
Carolyn Elizabeth George.....St. Paul, Minn.
Helen Louise Gibbs.....St. Paul, Minn.
Elsie Mae Glaesmer.....Plainview, Minn.
Norman Goldberg.....St. Paul, Minn.
Helen May Goodrich.....Minneapolis, Minn.
Robert Horace Goodrich.....Minneapolis, Minn.
Miriam Elizabeth Gordon.....Virginia, Minn.
Ida Sophia Granholm.....Virginia, Minn.
Maurice Lewis Greene.....St. Paul, Minn.
Carl Thomas Grove.....St. Paul, Minn.
Joyce Reta Halverson.....Revillo, S. D.
Emily Adelaide Ham.....St. Paul, Minn.
Ruby Arline Hankey.....Langdon, N. D.
Robert Andrew Hansen.....St. Paul, Minn.
Clara Grace Hanson.....Munising, Mich,
Grace Mildredean Hanson.....Windom, Minn.
Henry Harpster Haupt.....St. Paul, Minn.
Talbert Hartley Hazard.....Minneapolis, Minn.
Gladys Mabel Hedman.....St. Paul, Minn.
Wilfred Scherdin Helle.....St. Paul, Minn.
William Roy Heskett.....Waterloo, Iowa
Dorothy Evelyn Hibbard.....Crookston, Minn.
Elvera Louise Hollander.....St. Cloud, Minn.
Robert Donald Hooper.....St. Paul, Minn.
Jane Stuart Howard.....Minneapolis, Minn.
*John Snow Hoxie.....Duluth, Minn.
Lucille Margeurite Hudson.....Correll, Minn.
Claude Dennis Hynes.....Winnebago, Minn.
Harry Lee Inwards.....Parkers Prairie, Minn.
Ellsworth Ironside.....Browns Valley, Minn.
Ralph Jack.....Waterloo, Iowa
John Melseth Jacobsen.....Minneapolis, Minn.
Stanley Joel Jacobson.....St. Paul, Minn.
Alice Johnson.....St. Paul, Minn.

*Deceased.

Elmer Milton Johnson.....Minneapolis, Minn.
Elsa Constance Johnson.....St. Paul, Minn.
Peavey Stewart Johnson.....St. Paul, Minn.
Doris Loretta Jones.....Amboy, Minn.
Rudolph Keller.....Slayton, Minn.
Gordon Daniel Kennedy.....Mankato, Minn.
Katherine Kennedy.....St. Paul, Minn.
Claude Edward Kenney.....Minneapolis, Minn.
Miles Robert Kerby.....Centerville, Iowa
William Clifford Kniefel.....McVille, N. D.
Fred Alexander Kuby.....St. Paul, Minn.
Laura Kathyrn Layng.....Bruno, Minn.
George Oakley Leck.....Buffalo, Minn.
Hazel Anna Gregora Levien.....Minneapolis, Minn.
Kenneth Milo Lewis.....Austin, Minn.
Carl William Liberg.....St. Paul, Minn.
Emma Lindborg.....Philadelphia, Pa.
John Kenneth Lorans.....White Rock, S. D.
Carl Adolph Lower.....Two Harbors, Minn.
Annie Luella Lystad.....North Hudson, Wis.
Harriet Patricia McComb.....St. Paul, Minn.
Mabel Maxine McCoy.....Campbell, Minn.
Muriel Martha McGee.....Bemidji, Minn.
Margaret McKieneavy.....Virginia, Minn.
Alex James McLean.....Langdon, N. D.
Maude Alicia McMahon.....St. Paul, Minn.
Vida Jean McNaughton.....Redwood Falls, Minn.
Margaret McPhee.....St. Paul, Minn.
Albin Oscar Mark.....McVille, N. D.
Hildur Olive Martine.....St. Paul, Minn.
Wilma Maulsby.....Sykeston, N. D.
Reuben Benjamin Meckel.....Le Sueur, Minn.
Paul William Mielke.....Henriette, Minn.
Oscar Henry Miller.....Minneapolis, Minn.
Marian Hope Morris.....Minneapolis, Minn.
Millard Reuben Mosby.....Luverne, Minn.
Paul Theodore Mucke, Jr.....Fergus, Falls, Minn.
Marcella Mullen.....Madelia, Minn.
Mary Ruth Murphy.....Bruno, Minn.
Leonard Carlton Murray.....Parkers Prairie, Minn.
Dorothy Eva Nehring.....Minneapolis, Minn.
Ida Louise Neller.....Austin, Minn.
Amy Genevieve Nelson.....Waconia, Minn.
Arthur Henry Nelson.....Robbinsdale, Minn.
Florence Kathleen Nelson.....Mora, Minn.
Russell Perry Nelson.....Robbinsdale, Minn.
Ruth Victoria Nelson.....Minneapolis, Minn.
Marie Margaret Ness.....Deerwood, Minn.
Caroline Neuman.....Minneapolis, Minn.
Delos Clayton Newcomer.....Rapid City, S. D.

Mildred Nygaard ..... Minneapolis, Minn.
Frederick Milton Olsen ..... Minneapolis, Minn.
Arnold David Olson ..... St. Paul, Minn.
Charles Elwood Olson ..... Bowman, N. D.
Edwin Leven Olson ..... Belview, Minn.
Merril Willard Olson ..... Maynard, Minn.
Lucile Elizabeth Owen ..... Stillwater, Minn.
Lurene Dorothy Paff ..... Blue Earth, Minn.
Margaret Zoe Pearson ..... St. Paul, Minn.
Ruth Elizabeth Pearson ..... Canton, Minn.
Meryl Josephine Pederson ..... St. Paul, Minn.
Ile Esther Pesola ..... Mountain Iron, Minn.
Alice Cecelia Peterson ..... Prentice, Wis.
Donald William Pollard ..... Minneapolis, Minn.
Harold Cecil Prideaux ..... Adrian, Minn.
Bruce James Raeburn ..... St. Paul, Minn.
Clarence Frederick Rech ..... Evansville, Ind.
Heckel Warren Remington ..... St. Paul, Minn.
Jessie Bernice Ridgway ..... Sherburn, Minn.
Ralph Loren Robertson ..... Austin, Minn.
Walter John Rock ..... St. Paul, Minn.
Ilma Rosalie Ruohmaki ..... Chisholm, Minn.
Joseph Arthur Sabin ..... Duluth, Minn.
Elaine Cecile Schaeffer ..... Elbow Lake, Minn.
Gladys Leonora Scheiber ..... St. Paul, Minn.
Susan Sarah Schock ..... Jackson, Minn.
Pearl Jane Shaw ..... St. Paul, Minn.
Margaret Aleda Shiels ..... Morgan, Minn.
Mabel Amanda Sjolander ..... Dawson, Minn.
Enrique Sobrepena ..... Philippines
Ferdinand Stahl ..... Spirit Lake, Iowa
Robert Starmer ..... Stewartville, Minn.
Stella Theophlia Steenerson ..... Minneapolis, Minn.
William Earl Stein ..... Two Harbors, Minn.
Paul Abbott Stoner ..... St. Paul, Minn.
Marjorie Louise Strom ..... Minneapolis, Minn.
Andrew John Swanson ..... St. Paul, Minn.
Wilbur Donald Tesch ..... Buffalo Lake, Minn.
John Gordon Thompson ..... St. Croix Falls, Wis.
Mahlon Barnet Thompson ..... Slayton, Minn.
James Orville Threadgold ..... Artesian, S. D.
Florence Carine Thune ..... Redwood Falls, Minn.
George Benjamin Todd ..... St. Paul, Minn.
Ruth Torr ..... St. Paul, Minn.
Archie William Troelstrup ..... Belgrade, Minn.
Joseph Herman Underdahl ..... Frost, Minn.
Warren Adam Vickers ..... Farmington, Minn.
Vannita Lucile Wesely ..... Owatonna, Minn.
Florence Bell White ..... St. Paul, Minn.
Hazel Evaline Whitman ..... South St. Paul, Minn.

Ruth Dorothy Whittaker.....St. Paul, Minn.
Marian Almira Wickett.....Canton, Minn.
Florence Lucille Wilcox.....Hastings, Minn.
Lois Vivian Wilkinson.....Rapid City, S. D.
Charles Meeker Wilkerson.....Two Harbors, Minn.
Margaret Willson.....St. Paul, Minn.
Walter Charles Willys.....St. Paul, Minn.
Helen Annette Wilson.....Montevideo, Minn.
Helen Elizabeth Wilson.....Underwood, Minn.
Elmer Norris Woll.....St. Paul, Minn.
Helen Cornelia Wood.....Pine Island, Minn.
Beth Mae Wright.....Medina, N. D.
Clara Louise Wurdell.....St. Paul, Minn.

Special

Margaret MacGregor Doty.....St. Paul, Minn.
George Peterson.....St. Paul, Minn.
John Wesley Stokes.....Passaic, N. J.

Conservatory of Music

Edna Aldrich.....St. Paul, Minn.
Dean Abbe.....St. Paul, Minn.
Jessarose Alexander.....St. Paul, Minn.
Muriel Alexander.....St. Paul, Minn.
Grace Amundson.....St. Paul, Minn.
Elsie Anderson.....St. Paul, Minn.
Mable Anderson.....St. Paul, Minn.
Mildred Augustine.....St. Paul, Minn.
Lois Avery.....Minneapolis, Minn.
Bernice Bailey.....St. Paul, Minn.
Mary Baldwin.....St. Paul, Minn.
Mae Barclay.....Cass Lake, Minn.
W. C. Beers.....St. Paul, Minn.
Dorothy Benner.....St. Paul, Minn.
Donovan Bess.....St. Paul, Minn.
Florence Bodwell.....St. Paul, Minn.
Cyrus Borg.....St. Paul, Minn.
Holley Brandrup.....Mankato, Minn.
Helen Brandt.....St. Paul, Minn.
Helen C. Brandt.....Murdoch, Minn.
Alma Bricher.....Kellogg, Minn.
Edward Brugler.....St. Paul, Minn.
Mable Brugler.....St. Paul, Minn.
Ada Bruncke.....St. Paul, Minn.
Marguerite Bruncke.....St. Paul, Minn.
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Walter Dreis.....St. Paul, Minn.
Marjorie Drill.....St. Paul, Minn.
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Helen Trieglaff.....St. Paul, Minn.
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Beatrice Volz.....St. Paul, Minn.
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Rosalie Weiss.....St. Paul, Minn.
Claudine Wellington.....St. Paul, Minn.
Florence White.....St. Paul, Minn.
Nora Wilcox.....Pine City, Minn.
Vera Willford.....Canton, Minn.
Lois Wilkerson.....Rapid City, Minn.
Helen A. Wilson.....Montevideo, Minn.

Summary of Students

College	413
Conservatory of Music	199
Total	612
Counted twice	56
Net total	556

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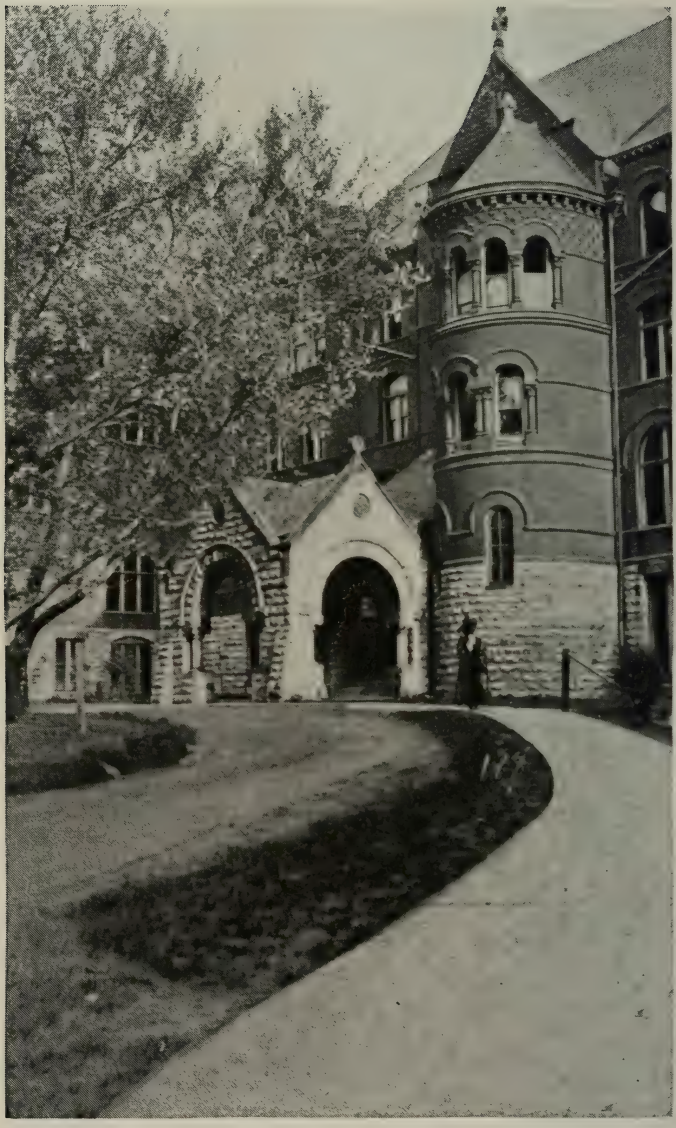
Macalester College Bulletin

Catalog Number
April, 1922

Vol. X Number 4



ENTRANCE TO MAIN BUILDING

Macalester College

Bulletin

CATALOG NUMBER

1921 - 1922

Accredited by the North Central Association of Colleges and Secondary Schools.

Macalester College uses in its official publications a number of the reformed spellings recommended by the Simplified Spelling Board and now authorized by standard dictionaries.

SAINT PAUL, MINNESOTA

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Acceptance for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1917, authorized July 31, 1918.

Issued Quarterly in October, January, April and June.

College Calendar

1922-1923

1922

June 7-13. Wednesday-Tuesday, Second Semester Examinations.
June 9. Friday, 1:30 p. m., Annual Meeting of Board of Trustees.
June 9. Friday, 8:30 p. m., Recital, Conservatory of Music.
June 10. Saturday, 8:15 p. m., Senior Class Play.
June 11. Sunday, 10:30 a. m., Baccalaureate Sermon.
June 11. Sunday, 8:00 p. m., Christian Associations' Service.
June 12. Monday, 11:00 a. m., Extemporaneous Speaking Contest.
June 12. Monday, 8:15 p. m., Senior Class Play.
June 13. Tuesday, 11:00 a. m., Class Day Exercises.
June 13. Tuesday, 6:30 p. m., Alumni Banquet.
June 14. Wednesday, 10:30 a. m., Thirty-third Annual Commencement.
June 14. Wednesday, 1:00 p. m., College Luncheon.
June 14. Wednesday, 8:30 p. m., President's Reception.
Sept. 18-20. Monday-Wednesday, Registration Days.
Sept. 20. Wednesday, 10:30 a. m., First Semester begins.
Nov. 11. Saturday, Armistice Day.
Nov. 30-Dec. 2. Thursday-Saturday, Thanksgiving Vacation.
Dec. 20. Wednesday, 4:20 p. m., Christmas Vacation begins.

1923

Jan. 3. Wednesday, 8:00 a. m., Christmas Vacation ends.
Jan. 29-Feb. 2. Monday-Friday, First Semester Examinations and Second Semester Registration.
Feb. 6. Tuesday, 8:00 a. m., Second Semester begins.
Feb. 12. Monday, Lincoln's Birthday.
Feb. 22. Thursday, Washington's Birthday.
Mar. 6. Tuesday, Cap and Gown Day.
Mar. 29. Thursday, 4:20 p. m., Spring Vacation begins.
April 5. Thursday, 8:00 a. m., Spring Vacation ends.
April 5. Thursday, Last Day for Submitting Senior Theses.
May 30. Wednesday, Decoration Day.
June 6-12. Wednesday-Tuesday, Second Semester Examinations.
June 13. Wednesday, Second Semester ends.

Administrative Officers

Address correspondence as follows:

ELMER ALLEN BESS, President.
Information, General Business.

RICHARD U. JONES, Dean.
Curriculum, Student Activities and College Policies.

JOHN P. HALL, Registrar.
Catalog, Grades, Credits, Entrance Requirements.

HARRY PHILLIPS, Director Conservatory of Music.
Catalog, Tuition, Entrance.

ALICE M. CLOUGH, House Director of Wallace Hall.

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Records, Taxes, Litigation, Release of Mortgage.
Pioneer Building, St. Paul.

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Endowment Investments.
Merchants National Bank Building, St. Paul.

E. B. KIRK, Treasurer.
Capital National Bank, St. Paul.

GILBERT L. WILSON, Field Executive.

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The President of the College is ex-officio a member of each faculty committee.

General Information

Historical Sketch

Macalester College is the outgrowth of the Baldwin School of St. Paul, projected by Rev. Edward D. Neill, D. D., as far back as 1853, and of a similar institution opened in 1873 by the same gentleman in Minneapolis. In 1874 Charles Macalester, of Philadelphia, donated to this school the valuable property known as the Winslow House, near the Falls of St. Anthony, with the understanding that as soon as possible it should be developed into a college. In his honor the institution was named Macalester College. Until 1880 it was an undenominational school. In October of that year it was adopted by the Synod of the Presbyterian Church of Minnesota. In 1883 a syndicate of the trustees bought the present site and gave it to the Board of Trustees. The first building thereon was erected in 1884 and the college was opened September 15, 1885.

Rev. Dr. Neill, the founder of the college, was the first territorial superintendent of public instruction and the first chancellor of the State University. He is the author of Neill's History of Minnesota, and also of valuable monographs on colonial history. He died September 26, 1893.

From the beginning Macalester College was burdened with debt, and altho, under the leadership of President James Wallace and Rev. David C. Platter, financial secretary, this debt was considerably reduced, yet, on account of the hard times of the nineties, it had, by June, 1898, risen to $180,000. With the energetic assistance of Robert A. Kirk, Thomas Shaw and Rufus C. Jefferson, the board was reorganized, the debt liquidated, and efforts for a permanent endowment begun. On July 1, 1911, the trustees certified that a total of $467,000 had been given; that of this total $307,000 was invested in endowment securities and $160,000 in Wallace Hall and Carnegie Science Hall.

Presidents of Macalester College

Rev. Edward Duffield Neill,* D. D., 1873-1884.
Rev. Thomas A. McCurdy,* D. D., 1884-1890.
Rev. David James Burrell, D. D., 1890-1891.
Rev. Adam Weir Ringland, D. D., 1892-1894.
Prof. James Wallace, Ph. D., LL. D., 1894-1906.
Prof. Thomas Morey Hodgman, M. A., LL. D., February 1907-1917.
Rev. Elmer Allen Bess, D. D., 1918—.

Form of Bequest

The corporate name of the institution is Trustees of Macalester College.

Legal Form of Bequest.—I give and bequeath to the Trustees of Macalester College of St. Paul, Minnesota, duly incorporated under the laws of Minnesota, the sum of .....dollars.

Location

Macalester College is located in Macalester Park, St. Paul, a beautiful suburb in the so-called Midway District. The location is favorable for study, for the development of a pure and wholesome college life, and for careful supervision of the conduct of students. Easy access to the Twin Cities is afforded by the Grand Avenue and Snelling Avenue electric lines—the latter of which connects with all four interurban lines. This combination of college and city life is a unique advantage to Macalester students. The public libraries, churches, lecture courses and musical entertainments of these cities offer cultural opportunities and the vocations in city life can be studied at first hand.

Campus

The campus contains forty acres with a frontage of six hundred and sixty feet on Summit Avenue. The college buildings are situated on the north half of the campus, while the ample athletic field and college woods occupy the southern half.

Buildings and Equipment

The Main Building contains class rooms, society halls, library, auditorium and executive office.

*Deceased

The Carnegie Science Hall is the gift of Mr. Andrew Carnegie. The basement contains a wood shop and a metal shop for applied mechanics. The first floor is devoted to physics and mineralogy; the second to biology, mathematics and astronomy; and the third to chemistry. Electrical connections are provided in all of the lecture rooms for general demonstrations and lectures.

Museum.—The Lewis Collection of Indian relics is rare and valuable, as is also the Educational Collection of marine invertebrates and fishes contributed by the Smithsonian Institution, Washington, D. C. There is also a collection of about five hundred specimens, obtained and loaned by Gilbert L. Wilson, Ph. D., illustrating the culture of the Hidatsa and Mandan Indians. This collection includes sets of Hidatsa agricultural tools, household utensils, pipes, weapons and other objects.

The Men's Dormitory contains twenty double rooms designed to accommodate two students each. The building is heated by steam and lighted by electricity.

Wallace Hall, situated at the corner of Summit and Macalester Avenues, one block from the main campus, is the dormitory for women, accommodating ninety-three students. This is a thoroly modern fire-proof building. Besides the rooms for the young women there are three large parlors, a dining room seating one hundred, a gymnasium in which all of the classes in physical training for women are held and the music rooms, where the Conservatory of Music meets its students. The building is steam heated and electric lighted.

Drawing of rooms by upper class women occurs in the spring and freshman rooms are assigned in the order of application, usually before commencement.

Student government is organized at Wallace Hall, which in conjunction with the Dean of Women regulates the life of the Hall, in conformity to the customs and ideals of Macalester College.

Miss Alice M. Clough presides here as House Director, and the Dean of Women, Miss Clara Lorenzen, has her residence at Wallace Hall.

Rice Hall, named in memory of Rev. Daniel Rice, D. D., a former professor and trustee, is a frame building facing the campus, used as a practice hall by the School of Music.

Shaw Athletic Field, which was dedicated at the opening of the school year in 1909, was named in honor of Professor Thomas Shaw,

former President of the Board of Trustees, on account of his interest and assistance in the athletics of the institution. It contains four acres of the campus lying directly south of the main buildings.

Library

The Edward D. Neill Library contains about 15,800 volumes. The working collection is located on the third floor of the Main Building; less used books are on other floors. For greater security the Neill collection has been placed in the museum room in Science Hall; in this building also are department libraries.

The Neill collection, consisting for the most part of books presented by Dr. Neill or acquired during his librarianship, contains Americana and some sixteenth and seventeenth century editions in theology and the classics; there are fifteen hundred volumes and a valuable collection of autograph letters.

The Dewey system of classification is used.

One hundred periodicals are on file in the Library or in the department libraries.

For maintenance of the Library there is set apart each semester two dollars and fifty cents of each tuition fee.

Henry L. Moss, a trustee of the college until his death in 1902, and his wife Amanda H. Moss, who died in 1910, bequeathed to the College property which has added about $7,500 to the endowment and produces for the Library $450.

The Library is open as follows: Monday to Friday, from eight until five o'clock; Saturday, from eight to twelve, and one-thirty to five o'clock; holidays, nine to twelve, and one-thirty to five o'clock.

Other Library Privileges

The St. Paul Public Library contains, in its central building, 253,000 volumes. Eight hundred periodicals are on file in the Special Reference rooms. Access to the shelves is permitted and assistance given as required. Of first importance to College students is the Social Science Reference room, which contains the library's resources in economics, politics, sociology, education, and social work. There is also a reference room for the useful arts and one for the fine arts, including music. This library is located within fifteen minutes' ride by street car from Macalester College. Students may draw books for home use.

The James Jerome Hill Reference Library, recently opened, has a most carefully chosen collection of books on all subjects except law and medicine. This library supplements the resources of other accessible libraries and affords unusual opportunities for study and research. College faculties and students are requested to use it freely. The James Jerome Hill Reference Library forms the east wing of the Public Library Building.

The library of the Minnesota Historical Society contains about 147,000 books and pamphlets. In addition to its very large collection on American local history it contains much material on the Northwest and Canada, also one of the largest collections in genealogy and biography in the United States, and an extensive collection relating to the Scandinavians in America. This library building is located near the State Capitol.

Other libraries open to students are the State Law Library, The Board of Control, Tax Commission and Labor Commission libraries, also the Minneapolis Public Library, which has 366,000 volumes in its central building.

Occasional use is made of the libraries of the University of Minnesota, the College of Agriculture and the Ramsey County Medical Society.

Administration

In the administration of the college appeal is made to the self-respect and honor of the students. They are constantly encouraged to guard well their honor and that of the institution, and to maintain a wholesome esprit de corps.

Some regulations, however, are necessary, and when students matriculate it is understood that they thereby submit themselves to the government of the college and pledge themselves to support the same while they are members of the institution. They are expected, and, by virtue of their matriculation as students of the institution, are understood to obligate themselves to act as ladies and gentlemen, to be faithful in attendance upon recitations, examinations, daily morning prayers, and Sunday morning service, and to be diligent in preparation of all tasks assigned.

Parents and prospective students should note that no fraternities are permitted, no smoking on the campus or in any of the college buildings by faculty, employees or students and no dancing engaged in by both men and women at any college function. It is from no Puritanic attitude nor from any desire to be peculiar that the college makes these prohibitions, but because scholarship and the best interests of the student body are served thereby.

Students whose influence is found to be hurtful, even though guilty of no serious breaches of order, will not be retained in the institution.

The dormitories are organized on the self-government plan under faculty cooperation.

Registration

Students are required to register by the beginning of each semester. In case of delay in registration beyond the registration days indicated in the college calendar, a fine of one dollar will be imposed for the first day and fifty cents for each subsequent day. No excuses will be granted for late registration. Students may register by mail on deposit of tuition fee, subject to the entrance requirements stated on page 31.

No student is permitted to register after the fourth Monday of the semester.

Students registering later than the second Monday of the semester are required to secure permission from the heads of the departments in their respective courses.

The matter of excess registration is to be referred to the deans.

The student who has failed in more than half the work of the first semester, counted by hours, may not register for the second semester.

The prospective student should procure from the college an application blank on which his principal or superintendent should fill in the student's credits. This blank should be mailed by the proper school authority to the Registrar by the first of August.

By means of the selective system employed the college authorities will limit the number of new students to be received each year.

Examinations and Reports

Examinations are held at the close of each semester. A record is kept of each student's grades, a copy of which is sent to the parent or guardian at the close of each semester.

Students who secure a passing mark in a course are graded as follows: A, B, C or D, which mean excellent, good, fair and poor, respectively. Students who do not reach a passing mark are graded as follows: Con, I or F. Con, meaning condition, implies that the student has failed in the final examination and that the deficiency may be removed by his passing in a second examination to be given later. I means that the mark is withheld by the instructor because the work required has not been completed. F means failure in term

grade. In cases of failure students may secure credit only by repeating the course entire. A Con becomes an F upon failure to pass the second examination.

Conditions incurred in courses of the first semester must be removed by examination within the first six weeks of the second semester; conditions incurred in courses of the second semester must be removed within the first two weeks of the following semester.

For private and condition examinations a fee of fifty cents shall be paid for each examination to the Secretary, who shall thereupon issue a permit. Private examinations will be authorized by the faculty only, and for the most urgent reasons stated in writing.

Degrees

Graduates of the College of Liberal Arts receive the degree of Bachelor of Arts. The degree of Bachelor of Music is granted to students who fulfill the requirements for such degree in the Conservatory of Music.

No student shall be entitled to graduate who shall not have been attending the college at least one year.

Fellowships

The Board of Trustees has offered a limited number of fellowships open to graduates of other approved colleges and carrying a yearly stipend of $300. The holders are required to devote one-half of their time to assistance in the department offering the fellowship and the other half to graduate study in the University of Minnesota.

Prizes and Scholarships

Noyes Prize.—Mrs. D. R. Noyes has given $2,000, the interest on which is used as prizes for student scholarship. Last year the senior prize was awarded to Marion Haigh, the junior to Margarette McNaughton, and the sophomore to Ralph Baerman.

Stringer Prize.—In honor of the memory of Mr. E. C. Stringer the college is able to offer an annual prize of twenty-five dollars to be given to that student of the college, who, having not fewer than fourteen recitations a week, takes the first place in the preliminary oratorical contest, and represents the college in the state contest. Awarded this year to Enrique Sobrepena.

Paul Prizes In Extemporaneous Speaking.—In 1917 Rev. W. F. Paul of Minneapolis established the Paul Contest in Extemporaneous Speaking to be held annually during Commencement Week. For this purpose he offers each year prizes totaling fifty dollars, divided into three prizes of thirty, fifteen and five dollars. First prize was won in 1921 by W. E. Clark.

Shaw Scholarship.—Given by Professor Thomas Shaw, of St. Paul, to the nominee of the Central Presbyterian Church, of St. Paul, yielding $50 per annum. Awarded this year to Margaret McPhee.

Silliman Scholarship.—Offered by Mr. H. B. Silliman, of Cohoes, N. Y., and yielding $50 per annum. Awarded this year to E. W. Fondell.

Williams Brothers Scholarship.—Louis H. and Charles R. Williams, of Minneapolis, have given $1,000, the income from which is for the aid of a student selected by the faculty. Held this year by Stuart Hannah.

Webb Scholarship.—Mr. E. A. Webb, deceased, gave $1,000, the interest of which is to aid a candidate from the Central Presbyterian Church, St. Paul. Held this year by Marion Mills.

Winona Scholarship.—The First Presbyterian Church has given $1,000, the interest of which is to aid a candidate nominated by this church. Awarded this year to Raymond Williams.

Biology Scholarship.—Dr. Archibald MacLaren, of St. Paul, contributes $50 to aid a student in the department of biology, to be selected by the head of this department. Held this year by Dorothy Olds.

New England Scholarship.—The St. Paul Colony of New England women gives this year $60 to a young woman of New England parentage.

Scott Scholarship.—Mr. William H. Scott, of Philadelphia, gives $60 for a scholarship awarded by the faculty.

McCabe Scholarship.—Bequeathed by Edward Everett McCabe of the class of 1914 and accepted as a general scholarship.

Crawford Scholarship.—A gift of $1,000 in memory of Ira Leslie Crawford, the income of which is devoted to a general scholarship.

Myers Scholarship.—S. F. W. Myers has given, in memory of his son, Carl Bertram Myers, $1,000, the income from which is for the aid of men preparing for the Christian ministry.

Fulda Scholarship.— The First Presbyterian Church of Fulda, Minnesota, gives an annual scholarship covering the entire tuition of a student approved by the faculty committee on scholarships.

McLain Journalism Scholarship.—Mr. J. S. McLain offers a prize of $50 for the encouragement of high class English work published during the year. A committee of the faculty makes the award. Awarded this year to Maurice E. Phillips.

Ministerial Scholarships.—Given by Board of Education of the Presbyterian Church to candidates for its ministry, and to men and women candidates for missionary service.

War Service Scholarships.—The Presbyterian Church has provided a fund, administered by the General Board of Education, for ex-service men, who may require financial aid in the pursuit of study in preparation for their life work.

Honorary Scholarships of $50 each are offered to the first ranking student among the young men and also among the young women in each graduating class of an accredited four-year high school, provided that the superintendent certifies that such students are of honor grade.

Rhodes Scholarships.—"In order to keep this well known bequest before the minds of present or prospective students it is briefly mentioned. Circulars of full information can be obtained at the president's office. Any male student who is a citizen of the United States, unmarried, not less than nineteen nor more than twenty-four years of age and who has reached the end of his sophomore year of study, may be a candidate for one of the Minnesota scholarships. This insures to the winning contestants a three years' residence in Oxford University, England."

Loan Fund.—A loan fund of one thousand dollars is held by the Faculty Women's Club. This fund is used as a loan for short periods, without interest, preferably to junior and senior students.

Student Activities

The Y. M. C. A. has a membership of about eighty students. It holds its regular meeting every Tuesday morning. A committee of the association is present at the college two or three days before the opening of the first semester to assist the new students. The president of this association is P. H. Brandt.

The Y. W. C. A. offers social, educational and religious advantages to the women of the college. It binds all the women together into one common fellowship of love and service thru its regular Tuesday morning meetings, Mission and Bible study classes as well as socials. This year it has a membership of 198. The president of the association is Margarette R. McNaughton and the chairman of the Advisory Board is Mrs. J. W. Gaver.

Literary Societies.—In the college there are five literary societies under the general oversight of the faculty. The Hyperion society admits to membership both men and women; the Athenaean and Eulogian societies admit men, and the Clionian and Philotian societies, women.

In the Conservatory of Music the Euterpean society is open to music students.

No literary society or other student organization may be established without the consent of the faculty.

The Writers' Club.—Students whose work in the English Department is of sufficient merit to be published in the Gateway Magazine are eligible for membership in the Writers' Club.

Meetings of the club are held every two weeks when a literary program is given.

The Macalester Players is a group within the Department of Expression, whose object is to stimulate and develop an appreciation of the best in drama. Several plays are given each year, coached by the head of the department.

Debate and Oratory.—All matters pertaining to debate and oratory are under the charge of the Forensic Board. This Board is composed of one representative from each literary society, one from each class and two representatives from the faculty.

This year the college has taken part in intercollegiate debates with the following institutions: South Dakota State Teachers' College, Huron College, Morningside College, Lawrence College, St. Olaf College, Gustavus Adolphus College and the University of Redlands.

The college takes part in the State Intercollegiate Contest in Oratory and in contests in extemporaneous speaking with the University of North Dakota and with Hamline University. A preliminary home contest is held for each of these contests, for which suitable prizes are offered.

Interscholastic Forensic Competition.—Macalester College has taken a great interest in developing a more natural, effective manner of public speaking among the high schools of the state. To further that end it organized the Minnesota High School Discussion League which is now starting on its eighth year, and the High School League in Extemporaneous Speaking which is starting on its sixth year. The state has been organized into districts and the winners of the district contests come to Macalester the third week in February where the state contests are held. Macalester College furnishes medals for the winners of district and state contests and shields for the winning schools.

A circular containing detailed statement of the plan and rules of the contests can be obtained by addressing Professor J. C. Hazzard, Macalester College.

Honorary Forensic Fraternity

Pi Kappa Delta is a national honorary fraternity, organized to give recognition to those who distinguish themselves in public speaking, and to promote interest in forensics.

The Charter of the Macalester or Minnesota Alpha Chapter was granted by the National Council in 1920.

Membership in Pi Kappa Delta is based on election, being limited to professors of public speaking and those who have represented the college in intercollegiate forensic contests.

The local Chapter interests itself in all forms of forensics, and has assumed the secretaryships of the Minnesota High School Discussion League and the High School League in Extemporaneous Speaking.

College Glee Club.—This is a strong student organization, firmly established and with a splendid record of accomplishment in the nine years of its existence. The club is under the direction of a faculty adviser.

The M Club was organized December 9, 1913. It was founded to keep those who have won the letter in touch with each other and to foster athletics. When a Macalester student has earned an M he becomes a member on the payment of one dollar initiation fee.

President, D. S. Doty, 109 North Snelling Avenue, St. Paul.

Pi Phi Epsilon Society

The society was organized in 1914 with twenty charter members. The aim of the society is to stimulate scholarship and intellectual interests in the college. It regards scholarship, intellectual leadership, originality and character as the requisites for eligibility to membership.

The society is now composed of seventeen active members. New members are chosen by the faculty in the fall of each year. Of these not more than four are taken from the sophomore class, the remainder from the junior and senior classes. Those selected from the sophomore class are chosen strictly on the basis of high standing as students, as shown by the records of the Registrar. Others are elected by ballot of the faculty from a list nominated by the advisers and heads of departments. Nomination is made on the ground of unusual proficiency in the student's major subject. After the above are chosen the faculty may elect not to exceed two more from a list that includes worthy students not otherwise eligible. At the close of the school year members of the graduating class who have exceptionally fine records thru their senior year may be added to the society.

At graduation active members become graduate members of the society, and are entitled to all its privileges except voting. Members of the faculty are honorary members of the society. There are at the present time fifty-seven graduate members.

The society has an active member's pin of silver, which is presented to each new member at the recognition exercises when he enters the society, and a graduate member's pin of gold, which is presented to graduating members after the Easter vacation.

The officers of the society are: President, Nina P. Gunnison; Vice-President, Hervey M. Richardson; Secretary, Andrew J. Swanson.

The Executive Committee of the society is composed of the officers together with a faculty representative.

The list of active members is as follows:

Baerman, Ralph
Balcome, Ruth Marion
Erickson, Nellie Henrietta
Gunnison, Nina Purcell
Leven, Nathaniel Logan
McNaughton, Margarette Ralston
McNaughton, Vida Jean
Maulsby, Alice
Medcalf, Bertha Louise
Morris, Marian Hope
Olds, Dorothy
Olson, Edith Marie
Reed, Helen Frances
Richardson, Hervey Morris
Scidmore, Anna Belle
Stevenson, Gilbert Miller
Swanson, Andrew John

Religious Life and Exercises

Macalester was founded as a Christian college. The atmosphere of the college has always been warmly religious. The Young Men's and Young Women's Christian Associations are large and active. The city offers much opportunity for religious work. In keeping with the purpose of the founders of the college the faculty makes the following requirements:—(1) all students registering for more than five hours a week in college studies are required to include the equivalent of at least one hour a week of Bible study for the year; (2) attendance at the daily chapel exercises of the college at ten o'clock in the morning is required of all college students without exception; (3) attendance at Sunday morning church services is expected of all students and required of all who are not living at home with their parents. Students connected with churches either by membership or sympathies are expected to attend the church of their preference.

The Macalester Church has initiated a system of affiliated memberships, by which the student who wishes may retain his membership with his home church while at the same time coming into such relation with the local church at the college that he may feel that he has here a church home and center for his religious life. Students are urged to take advantage of this offered affiliation.

Physical Training and Athletics

Three dollars of the tuition fee for each semester are set apart for the support of athletics. Students are thereby entitled to admittance

to all athletic contests at Macalester and to the use of the tennis courts, skating rink and other outdoor facilities.

Classes in physical training are conducted for young women in the gymnasium of Wallace Hall. Attendance is required of freshmen.

Teachers' Bureau

The college maintains a teachers' bureau as a means of communication between graduates and superintendents and school boards desiring competent teachers. Graduates will not be recommended to positions for which they do not give good evidence of fitness. A fee of one dollar is charged for enrollment in this bureau. Those desiring to make inquiry in regard to teachers should address The Teachers' Bureau, Macalester College, St. Paul, Minnesota.

Graduates who wish to enter other professions are assisted in obtaining positions for which they are qualified.

Publications

The following publications are issued from the college:—

The Macalester College Bulletin, a quarterly devoted to the advertisement and advancement of the institution.

The Mac, a triennial publication devoted to college interests, published by the college students.

The Mac Weekly, a student publication established in 1914. It gives expression to student opinion upon matters of college life, and gives complete accounts of all college events. The editor-in-chief is Edward H. Evans.

The Gateway, a literary magazine published by the members of the English composition classes.

Expenses

Students' fees are paid at the beginning of each semester, before completion of registration and strictly in advance, as follows:—

Matriculation fee (new students)	$10.00
Tuition, regular student	60.00
Special student (not more than eight hours)	45.00

One dollar of the tuition for the first semester is applied on the salary of special coaches.

Special fees—

Biology 1, 2, 4, 5, 21	$3.50
Biology 19	3.00
Biology 3	2.00
Biology 6, 8	1.50
Chemistry 1, 6	7.00
*Chemistry 2, 3, 4, 7, 8, 9	5.00
Physics	3.00
Geology	1.00
Applied Mechanics	4.00
Homemaking	1.00
Mechanical Drawing	.50
English, 1, 2, 3	1.00
Diploma	5.00
Men's guarantee fee (dormitory)	3.50

*This is a deposit fund. The actual fee charged will be based upon the cost of material.

An exchange fee will be charged on all out of town checks.

No deductions are made except for sickness lasting a month or more.

Credits are withheld until all obligations are met.

From tuition fees the trustees, on recommendation of the faculty and students, appropriate the following amounts: athletics, $3; library, $2.50; band, orchestra, debate and oratory, 50 cents; "The Mac," 50 cents; "Mac Weekly," $1.25.

Refunding Tuition.—If a student leaves the institution at any time after entrance without the approval of the faculty, or because he has been suspended or dismissed, no money is refunded. Those withdrawing for other reasons, on or before the middle of a semester, will be allowed an equitable percentage on tuition paid.

Special Rates

1. Sons and daughters of ministers of any denomination are allowed a rebate of twenty per cent each semester on tuition.

2. All candidates for the ministry, of whatever church or denomination, are allowed a rebate of twenty per cent each semester on tuition upon the following conditions:—

(1) Candidates for the Presbyterian ministry shall be under the care of presbyteries, and shall present to the treasurer certifications to this fact from the clerks of the presbyteries. Candidates for the ministry of other denominations shall have their purpose to enter the ministry properly certified to by the proper ecclesiastical authorities.

(2) All such students will be held in honor bound to refund to the college treasury the amount of tuition rebated in the event of their abandoning their purpose to enter the ministry.

3. When more than one person from the same family attend college at the same time a rebate of $4 on tuition fee will be allowed to each person after the first. This rule does not apply to those receiving other privileges or rebates.

Rooms and Board

Room rents for all college buildings and board at Wallace Hall are to be paid in advance each month of twenty-eight days.

Wallace Hall for Women—
Board per week, each person $6.00
Room rent per week, each person 3.00

The trustees reserve the right, in view of possible fluctuations in cost of supplies, at the end of the first semester to raise or lower the charge for board.

Men's Dormitory—
Room rent per week, each person $1.75
All rooms have two occupants and the rentals include light and heat.
Men students board at The Commons, or in private families.
Board costs on an average $6.00 a week.
Rooms in private families per month, $6.00 and up.

Each student in the men's dormitories is required to deposit $3.50 (including deposit for key) as a guarantee against damage to college property, and to make it up to that amount at the opening of each semester thereafter. From this fund are deducted (1) charges for damage for which he is personally responsible; (2) charges (pro rata) for damage done in dormitories by unknown hands. The surplus, if any, is refunded to the students at the end of the year, or when they leave the dormitory.

Rooms

(1) **Furniture.**—All rooms in men's dormitories are furnished with bedsteads (two-thirds size), mattresses, pillows, dresser stand, bowl and pitcher, study table, book shelves and three chairs. The toilet room lavatory is supplied with hot and cold water. Students in the dormitories must provide their own bed clothing, towels, and carpets or rugs. In Wallace Hall there are single iron beds, mattresses, pillows, dresser, study table, two rockers, two study chairs, a lavatory with hot and cold water, steam heat and electricity. Floors are of hardwood.

(2) **Application.**—Application for room in the dormitories should be made by the first of May to the college office. Reservation fee is $3.00. This is applied on first month's rent. Rooms will not be held later than the opening of the term unless the room rent is advanced for the period of delay. In case applicants fail to come the reservation fee will not be returned. Rooms will be assigned in the order of application.

No deduction is made for vacations during school year either for board or room. Students are charged for their rooms until they are formally vacated—whether continuously occupied or not—and keys surrendered.

Each dormitory tenant is held responsible for the rent for the entire semester. A student may shift this responsibility by securing a new tenant not occupying dormitory quarters, but is relieved from the obligation only on withdrawal from the college for good reasons.

Students working for the college will have all bills due the college deducted from the amount due them before being paid for work performed.

Students who are in arrears at the end of any semester will be refused credits for the semester's work until all bills incurred by them have been paid; also future registration will be denied and no class work allowed until settlement satisfactory to the treasurer has been made.

Self-Support

Students desiring to do something toward defraying their own expenses can usually find some way of doing so. Many find work on Saturdays, in stores and other places of business, and have thus paid a large part of the expense of their board. Others have

earned their board by working mornings and evenings. It is seldom that any worthy, capable student with energy and tact fails to find some means by which he may work his way thru college, provided the summer vacation is improved to increase his income.

The Y. M. C. A. employment bureau has been organized to assist students in finding work. There are opportunities for work in stores and offices, caring for furnaces, waiting in clubs and carrying newspapers, and in many other ways dependent upon the student's fitness. Valuable suggestions as to employment and the financial side of college life are gladly furnished to prospective students on application and every effort to assist the new-comer is cheerfully made. Address all communications to Chairman Employment Committee, Macalester College, St. Paul.

Telephone

The college office telephones are Midway 0486 and Nestor 1722; Conservatory of Music, Midway 2656; Wallace Hall, Midway 0535; Men's Dormitory, Midway 0202; Dean of the College, Midway 0166; Dean of Women, Midway 1087; Purchasing Secretary, Midway 0201.

College of Liberal Arts

The *men of experiment* are like ants—they only collect and use.

The *reasoners* resemble spiders, who make cobwebs out of their own substance.

But the bee takes a middle course; it gathers the material from the flowers, but digests it by a power of its own.

So *true philosophy* neither chiefly relies on the powers of the mind, nor takes the matter which it gathers and lays it up in the memory, whole as it finds it, but lays it up in the understanding, to be transformed and digested. —*Francis Bacon.*

Entrance Requirements

General Statement

Entrance requirements are in harmony with the standards of the North Central Association of Colleges and Secondary Schools and the Association of American Colleges of which two organizations Macalester College is a member.

The satisfactory completion of fifteen units of properly coordinated work is required for admission to the freshman class of the college. The following units are required: three in English, one in Algebra and one in Geometry. Not more than four units in vocational subjects (including Agriculture, Commercial Work, Domestic Science and Manual Arts) may be presented. It is strongly recommended that the student submit two or more units of consecutive work in some foreign language. By a unit is meant four or five recitation periods a week in a subject, carried thruout a year of thirty-six weeks. The recitation periods must be not less than forty minutes in length.

Macalester College has for some time been unable to accommodate all who apply for admission. It therefore lays down certain principles of selection in justice to the students and to itself.

First, the student should have sufficient capacity and adaptability to profit by attendance at the college. Capacity is indicated by the application blank filled out by the student's high school principal. The college may, at its discretion, require mental tests, in addition. Adaptability will usually be determined, in a preliminary way, thru a conference with the President. In the case of students who live at a distance correspondence and recommendations may take the place of an interview.

Second, the college will give the preference to students who plan to stay a longer period of time over those proposing to remain a shorter time. Accordingly, applicants are required to state their plans with respect to college and technical education. Applicants expecting to remain at Macalester College for a full three or four years will receive the preference. If accommodations remain a certain number of serious students expecting to remain two years will be admitted. The entrance of students expecting to remain but a single year is discouraged.

Admission by Certificate

From Accredited High Schools and Academies.—Graduates of accredited high schools and academies requiring a four-year course are admitted without condition to the freshman class, subject to the requirement of the preceding paragraph. Accredited schools are those on the list of the North Central Association of Colleges and Secondary Schools, the list of Minnesota high schools prepared by the State Superintendent and similar lists of the high schools of other states.

Applicants for admission to the freshman class should apply to the Registrar for the Applicant's Blank, which should be filled out by the principal of the high school or academy in which their courses were taken, and mailed by him to the Registrar by the first of August.

From Unaccredited High Schools and Academies.—Graduates of such schools should secure the Applicant's Blank from the Registrar of the college, and have it filled out and sent to the Registrar as in the case of Accredited Schools. The credits will then be evaluated by the Matriculation Committee of the College and if satisfactory the student will be admitted.

Admission by Examination

Students not presenting certificates as provided for above must present a course of study equal to a four-year high school course. Such students will be examined in the course presented by them and will be admitted to freshman standing on passing the examination satisfactorily. These examinations will be given on the Monday and Tuesday preceding the opening of the college in September.

Suggestions to Students Preparing for Macalester College

The following suggestions respecting high school courses are not mandatory, but may be of value to future college students, now in high school or academy.

Suggested Units.—Students intending to major in Groups I or II (see page 37), are advised to present the following units for entrance:

English 4
Latin 4
Modern Language 2
Algebra 1½ or 1
Geometry 1½ or 1

The remaining units may be selected from the following:

History 1 or 2
German 2
Greek 2
French 2
Chemistry 1
Botany ½ or 1
Physics 1
Civics ½
Physiology ½ or 1
Zoology ½ or 1
Physical Geography ½ or 1
Manual Training ½ or 1

Students intending to major in Group III are advised to present the following ten units:

English 4
German or French 2
Chemistry or Physics 1
Algebra 1½
Geometry 1½

The remaining five units may be selected from the following:

Chemistry (if not above) 1
Botany ½ or 1
History ½, 1 or 1½
Zoology ½
French 1 or 2
Manual Training ½
Physics (if not above) 1
Physiology ½
Greek 1 or 2
Physical Geography ½ or 1
German 1 or 2
Civics ½

Suggested Courses of High School Study.—The following courses of study are suggested to students now in high schools who are preparing for entrance to Macalester College. Courses such as these will furnish substantial preparation for the work of the college and will articulate well with its courses:

Composition and Rhetoric 2 units
Literature 2 units
Algebra 1½ unit
Geometry 1½ unit
Latin 2 or 4 units
Greek, French or German 2 units
History and Civics 2 units
Natural Science 2 units

Admission with Advanced Standing

From Other Colleges.—Students coming from reputable institutions of collegiate grade should present letters of dismissal and are then given standing in Macalester College, allowing a fair equivalent on the course here for work done elsewhere.

Students with failures in another college cannot be transferred to Macalester without the loss of other credits based upon an estimate of their abilities. No one dropped from the rolls of another institution because of low standing will be accepted at Macalester during the same college year.

From Normal Schools.—Credits from Normal Schools are to be reckoned according to the nature and quality of the work presented as judged by the Registration Committee. This committee consists of the Registrar and the Dean.

From High Schools and Academies.—Ordinarily, no credit will be allowed on the college course for excess units of work done in the high school or academy. A student asking for such credit should note the following conditions:—

(1) No credit will be allowed except for an excess beyond seventeen units of high school or academy work.

(2) No credit will be allowed except after an examination by the college instructors to whose departments the subjects belong.

(3) In no case will credit be given for more than half the time which the subjects consumed in the preparatory school course.

(4) The Matriculation Committee will decide which of the student's excess units may be submitted for college credit.

All credits from other institutions, for which the student wishes credit in this institution, must be presented at the time of registration. Credits presented later from other institutions will not be considered.

Requirements for Graduation

The College of Liberal Arts offers courses leading to the degree of Bachelor of Arts.

One hundred and twenty-seven credits are required for graduation, the term credit meaning one hour a week for one semester in class room or two hours a week in laboratory. These credits must be secured with reference to the group from which the student has chosen his major, as follows:

Required in All Courses.—

(1) 9 credits in Religious Education, Mental Science 2, and Vocation 1.

7 credits selected from Greek 9, History 3, Mental Science 11 and Religious Education.

At least two of these credits must be secured each year.

(2) 6 credits in English 1.
(3) 6 credits in Social and Political Science and History.
(4) 3 credits in Mental Science 1.
(5) 1 credit in Personal Hygiene.

32 credits required of all.

Major in Group I.—

(1) 28 credits in a foreign language.
(2) 14 credits in a second foreign language.

Of the above (1) and (2) at least 14 credits must be secured in college. In the case of the second language two high school units (12 credits) will suffice, but the total for both must be 42.

One of the above languages must be Latin or Greek.

(3) 12 credits in Group III.
(4) 20 credits in the major subject.

Major in Group II.—

(1) 28 credits in one or two foreign languages. No language shall count toward this requirement in which the student offers fewer than 14 credits (or two high school units). Any part or all of this requirement may be met by entrance credits from high school.
(2) 18 credits in Group II other than the major subject and Religious Education.
(3) 12 credits in Group III.
(4) 20 credits in the major subject.

Major in Group III.—

(1) 8 credits in Mathematics 1 and 2.
(2) 14 credits in a modern language unless the student has presented 18 entrance credits in a modern language or 12 credits in one language and 6 in another.
(3) 18 credits in two subjects in Group III other than the major.
(4) 20 credits in major subject.

Extra-Curricular Credits.—For all such types of activity as Glee Club, oratory, debate, dramatics, Mac Triennial, Mac Weekly, choir, etc., no student is permitted to receive more than two credits in any one year.

Points Required for Graduation.—In addition to the one hundred and twenty-seven credits mentioned there is required an equal number of honor points, granted as follows: for each credit toward graduation earned by the student with a mark of A, three honor points are given; for each credit with a mark of B, two honor points; for each credit with a mark of C, one honor point. A mark of D carries with it no honor points.

Courses for the Freshman Year

In the Freshman year the student is required to select one of the following courses according to the group in which his major will probably be.

GROUP I.

Religious Education 1, 2 hours
Vocation 1, 2 hours
English 1, 3 hours
Latin, Greek, French or German (to complete requirements above), 4 hours
One subject from Group III
Elective
Personal Hygiene
Physical Education

GROUP II.

Religious Education 1, 2 hours
Vocation 1, 2 hours
English 1, 3 hours
Latin, Greek, French or German (to complete requirements above), 4 hours
One subject from Group III
One subject from Group II
Personal Hygiene
Physical Education

GROUP III.

Religious Education 1, 2 hours
Vocation 1, 2 hours
English 1, 3 hours
Latin, Greek, French or German (to complete requirements above), 4 hours
Mathematics, 4 hours
One subject from Group III
Personal Hygiene
Physical Education

The elective courses for the freshman year are:—

Religious Education 1 (second semester)
Biology 1, 2
Chemistry 1
Expression 1
Foreign Language
History 1, 5, 6
Mathematics 1a, 1, 2, 9
Music
Applied Mechanics 1
Mental Science 1, 2
Social Science 1, 11

Language requirement must be completed if possible by the end of sophomore year.

Science requirements of the student, whose major is in Group I or II, must be completed by the end of the junior year.

History and social science requirements must be completed by end of junior year.

Majors and Minors.—Each student who is working for a degree must elect by the beginning of the junior year, under restrictions stated below, one major and two minors from the eighteen following departments:—

GROUP I.

1. English
2. French
3. German
4. Greek
5. Latin
6. Spanish

GROUP II.

1. History
2. Music
3. Philosophy and Education
4. Religious Education
5. Social and Political Science
6. Social Service
7. Vocation

GROUP III.

1. Biology
2. Chemistry
3. Geology
4. Mathematics
5. Physics

Terms Defined.—A *major* consists of twenty credits obtained in one department.

A *minor* consists of twelve credits obtained in one department.

Restrictions on Choice.—

(1) At least one of the minors must be in a different group from the major. The minors are subject to the approval of the student's adviser.

(2) The following courses are not counted toward a major or minor:—Bible 1 (one semester) and 2, Chemistry 10, English 1, Mathematics 1a and 9.

(3) French 1-2, German 1-2, Greek 1a, Latin 1-2 and 3-4, Spanish 1, Mathematics 1a and 9, Mental Science 1, Physics 1 and Social and Political Science 1 and 11 are not counted toward a major. In Physics students must present one year of high school work in the subject in order to begin a major or minor.

Five Students Required for a Class.—The college does not hold itself bound for instruction in any elective course for which

fewer than five students make request to the Registrar. Such classes may, however, be organized at the option of the instructor.

Theses.—On or before the opening of the second semester of his junior year, each candidate for a degree shall select the subject of a thesis connected with the subject which he is making his major. This subject must be chosen in consultation with the head of the department to which the student's major belongs and with his approval.

The completed thesis shall be typewritten and filed with the Librarian on or before the first of April preceding the student's graduation. The adviser is authorized to extend the time, for sufficient reason, to a date not later than the first of May. Such thesis must be prepared according to regulations to be obtained from the Librarian, and must bear the signed approval of the head of the department. Further, these theses must be accompanied by a complete bibliography of works consulted and analysis. Ordinarily, they will not be accepted if they exceed 6,000 words in length.

Classification of Students

Classification without Conditions.—For freshman classification, as stated before, fifteen units of acceptable high school work or their equivalent; for sophomore, thirty-two college credits in addition to the entrance requirements; for junior, sixty-four credits in addition to the entrance requirements; for senior, ninety-six credits in addition to the entrance requirements.

Classification with Conditions.—A student is classified as sophomore on gaining twenty-four college credits; he is ranked junior on obtaining fifty-four college credits; he is ranked senior on obtaining ninety college credits.

All conditions from previous years must be removed by the end of the first semester of the senior year.

Change of Course.—Registration at the beginning of the semester fixes the course of study for the student. After that no change is permitted without the written consent of the instructors concerned and the student's adviser. Dropping a subject comes under this rule.

After four weeks from the opening of college no card for dropping or electing courses shall be signed except by special permission of the faculty.

Unfinished Courses.—Students who drop a year course at the end of one semester lose all credit in that course unless some distinct phase of the subject is completed; in which case, the instructor may grant the credit.

Attending Courses as a Visitor.—Upon the approval of the adviser, a student shall be permitted to attend not to exceed four hours a week in classes for which he is not regularly registered. No credit is allowed for such attendance.

Preparation for Vocations

The system of majors and minors and the elective system in use here permit the student to frame his college course with some reference to his future vocation. In general the student will find the following courses helpful to him in his future vocational study.

For the Study of Medicine.—The following course is strongly advised for students who are preparing for the study of medicine. Those taking such a course are given a bachelor's degree upon the satisfactory completion of the first year's work in a recognized medical school.

Freshman Year	Sophomore Year	Junior Year
Chemistry 1 and 3	Biology (General Zoology and Vertebrate Anatomy)	Organic Chemistry
English	French or German	Histology and Human Physiology
French or German	History or Social Science	Psychology and Ethics
Mathematics 1 and 2	Physics	Elective
Vocation and Religious Education	Religious Education	

For the Study of Law.—The value of a full college course in preparation for the study of law cannot be disputed. Macalester offers a number of courses that are invaluable to law students, and a college course arranged with this group of subjects as a nucleus is suggested below, showing also the possibility of a well rounded college course that is designed to develop the best that is in the student.

Suggested Course to Law Students

Freshman Year

English
Foreign Language
Vocation and Religious Education
Sociology and Economics
Science
History

Sophomore Year

Public Speaking and Argumentation
Foreign Language
Religious Education
History of Economic Theory
Psychology and Ethics

Junior Year

Roman Law and Jurisprudence
English Constitutional History
Debate and Oratory
Religious Education
Electives

Senior Year

International Law
History
Religious Education
Electives

Social Service Course.—To meet the imperative needs of our time, and in full sympathy with the practical application of Christian principles to modern conditions, the course in social service, leading to the A. B. degree, has been prepared. The student with a professional or technical career in view will find in it a solid foundation for his later special training, while those pursuing the other courses may select such numbers as will fit them to act well their parts as social citizens in the communities in which they are to live.

Macalester, by its traditions and point of view, is peculiarly well adapted to a study of this nature. Moreover, the Twin Cities and environs afford an excellent opportunity for laboratory and research work. Supplementing the resources of the college are many agencies such as the great libraries of St. Paul and Minneapolis, and a large number of public institutions of various kinds.

For the Christian Ministry and Missionary Teaching.—The department of religious education and the electives in Greek Testament, philosophy, ethics and history offer a course well adapted to those who have the gospel ministry in view. Those, too, who are preparing to be missionary teachers will find in the wide range of Bible study pursued in the college an indispensable and very attractive adjunct to their course.

For Teaching.—The college has made special provision for the needs of students who wish to fit themselves for the teaching profession. The student should remember that there is the content side of his preparation and the technical side. The former part of the preparation he will obtain by directing his college studies thru the majors, minors and elective studies to the subjects which he will teach, with their related topics. The latter he will find in the courses in sociology, psychology, logic, ethics, history of philosophy, history and principles of education. This preparation will then be supplemented by practice work to increase his insight into the principles of his profession and give him skill.

For Business and Technical Vocations.—If a student has chosen his vocation before entering college special courses are offered to help him find his capacities and to develop them. He is given a thesis for his vocation that he may gather data about it. By the use of psychological methods he builds up abilities to fit him for particular positions and to guide him into a knowledge of his vocation. He is taught how to use the college courses for this purpose.

Senior Electives in Professional Schools.—Students intending to study for some profession, who are obliged to shorten their course in preparation, may in the following manner save one year while still obtaining their degrees. After completing three years of the college course and being enrolled for the fourth year they may take the first year of a professional course in any school approved by the faculty in place of the work of the senior year.

Conditions Required.—This will be permitted subject to the following conditions: first, the required studies of the college must be completed in every case; second, a certificate must be presented from the professional school showing the successful completion of the work of the first year in that school.

Vocational Guidance—Thru the Vocation Department other courses can be suggested leading to callings not already mentioned. The President of the college acts as special vocational counselor for all students.

Student Advisers

For registration, advice and supervision all students will be assigned to faculty advisers. Each faculty member will have from fifteen to twenty students, making it possible for each student to receive special attention in regard to his course. The adviser directs the student in the arrangement of a course of study in harmony with his tastes or prospective vocation. The aim of this system of advisers is more intensive and consistent courses of study, vocational direction, timely warning to laggards and closer and more friendly cooperation. Assignments to an adviser are made by the Dean of the College, with the purpose of securing to each student that adviser who will be of the greatest service to the student. When students have definitely fixed upon a vocation in life they will be assigned to that member of the faculty whose department is most akin to the work they have in view. Students who have fixed upon their major study will be assigned to the head of the department to which that major study belongs.

Courses of Study

Biology

ADJUNCT PROFESSOR MOORE

The courses have been so arranged that it is possible to choose work either of a general or a special nature. Students wishing a well rounded education will be able to select work which will meet their needs and in which the cultural aspect is emphasized. Choices should be made from the following: Biology 1, 3, 6, 7, 8, 21.

Those preparing to teach Biology in high schools will be able to choose suitable work and will be given opportunity for practice in laboratory instruction, grading of papers and note books, and the planning of high school courses. The following courses are suggested for Zoology: Biology 1, 2, 3, 8, 20; for Botany: Biology 20, 21, 22, 23. For work suited to the needs of the pre-medics, the following are recommended: Biology 1, 2, 4, 5.

Courses 1 and 21 together count three credits toward a major.

1. **General Zoology.—**
Biological principles as illustrated by animals. Representatives of the phyla of the invertebrates are studied with reference to structure, functions and relation to environment. Work is done in laboratory on the typical forms.
First semester, three credits.

2. **Vertebrate Anatomy.—**
Comparative anatomy and classification of vertebrates. One representative of each class is studied in the laboratory.
Prerequisite, course 1. Second semester, three credits.

3. **Human Biology.—**
Lectures, recitations and demonstrations on the structure and functions of the human body. Extensive use is made of anatomical charts and models. Attention is given also to personal hygiene.
Prerequisite, course 1. Second semester, three credits.

4. **Vertebrate Embryology.—**
A study of the development of the frog, the chick and the pig.
Prerequisite, course 2. First semester, three credits.

5. Vertebrate Histology.—
An elementary study of the microscopic structure of the tissues and organs of vertebrates. Methods of preparing material for study.

Prerequisite, course 2, first semester, three credits.

6. Entomology.—
The structure, life histories and economic importance of the principal groups of insects. Field work required.

Prerequisite, course 1, second semester, three credits.

7. History and Theory of Biology.—
A study of the lines and work of the more important men who have shaped biological thought. A discussion of some of the theories of evolution and heredity.

Prerequisite, course 1, second semester, two or three credits.

8. Bacteria in Relation to Disease and Sanitation.—
This is a course of lectures suited to the general or special student who desires to have an intelligent idea of the cause and prevention of some of the important diseases.

Prerequisite, course 1, first semester, 1 credit.

19. Individual Course.—
Advanced students may, with the approval of the head of the department, take up lines of work not covered in the regular courses. Such work will consist of laboratory exercises and assigned readings.

First or second semester, or one year, two or four credits.

20. Teachers' Course.—
For those who intend to teach biology in high schools. Practical work given in the laboratory. Conferences on methods of teaching and reviews of text-books. Credit cannot be given for one semester's work.

Prerequisite, courses 1, 2, 21, 22. One year, four credits.

21. General Botany.—
A study of the principles of biology as illustrated by the plant. The main topics treated are living matter, cellular organization, general structure, physiology and reproduction of the larger groups.

First semester, three credits.

22. The Flowering Plants.—
Lectures and recitations on the structure, adaptation and classification of the higher plants. Laboratory work on vascular tissues and flower structure and analysis. In the spring a study will be made of the trees and flowers of the region.

Prerequisite, course 21. Second semester, three credits.

23. Cryptogamic Botany.—
This course deals with the lower forms of plant life in their relation to each other. Emphasis is placed upon those forms that are of economic importance, such as bacteria, yeasts and the fungi that cause plant diseases.

Prerequisite, course 22. First semester, three credits.

Chemistry

PROFESSOR JONES AND MISS OLSON

1. General Inorganic Chemistry.—
The course includes a thoro study of the principal elements and their compounds, their occurrence in nature, preparation in the laboratory, etc.; also an introduction to the study of qualitative analysis.

One year, seven hours a week, eight credits. Six credits will be allowed seniors taking this course.

This course counts four credits toward a major or minor if the student's grade is B or better.

2. Advanced Inorganic Chemistry.—
This is a continuation of course 1, with an introduction to physical chemistry.

Prerequisite, course 1. One year, six hours a week, six credits.

3. Qualitative Analysis.—
Lecture and laboratory work, including the detection and separation of the metals and the identification of the acids. The last few weeks of the year are spent in the analysis of specimens of rock and earth. Instead of this the student may make a study of materials used as paint pigments and the methods used in paint analysis.

Prerequisite, course 1. One year six or eight hours a week, four or six credits; or second semester, twelve hours a week, six credits.

4. Quantitative Analysis.—
Lecture and laboratory work. This includes an introduction to the gravimetric and volumetric analysis and a study of the methods of determination of atomic weights.

Prerequisite, courses 1 and 3. One year, six or eight hours a week, six or eight credits.

A combination course of 3 and 4 may be arranged with a total of eight credits.

5. Organic Chemistry.—

A course of lectures on organic chemistry, including a study of the aliphatic and aromatic compounds. The chemistry of foods, oils, explosives, etc., is considered. Some of the important compounds are prepared before the class. A laboratory fee of one dollar is charged, except when course 6 is also taken.

Prerequisite, course 1. One year, three hours a week, four credits.

6. Laboratory Course in Organic Chemistry.—

To be taken with or upon completion of course 5. Organic compounds are prepared and studied. Quantitative results are expected. This course should be taken with course 5, when possible.

One year, six hours a week, four credits.

7. Advanced Organic Chemistry and Qualitative Organic Analysis.—

This course is a continuation of courses 5 and 6. The detection of common food adulterants will receive attention.

Prerequisite, courses 1, 2, 3, 5 and 6. One year, six hours a week, six credits.

8. Food Analysis.—

Milk and butter analyses receive special attention.

Prerequisite, courses 1, 3 and 4. One year, six hours a week, four credits, or one semester, twelve hours a week, four credits.

9. Water Analysis.—

Prerequisite, courses 1, 3 and 4. One semester, six hours a week three credits.

10. Teachers' Course.—

This course is designed for those who intend to teach chemistry. They are given practical work in the laboratories, instructing students beginning chemistry, preparing solutions, etc. A course of lectures is given on the teaching of chemistry.

Prerequisite, courses 1 and 3. One year, three or six hours a week, two or four credits. No fee is charged.

Credits not counted toward a major or minor.

11. Chemistry of Foods.—

A lecture course on foods, their sources, values and conservation.

Second semester, two hours a week, two credits.

Education

PROFESSOR ANDERSON

1. **Principles of Teaching.—**
A course in teaching for prospective teachers in secondary schools. The course includes the physical and mental characteristics of the adolescent pupil; the cultivation of proper methods of study on the part of the pupil; the general methods of teaching with illustrative applications. Each student in this class must present, not later than February the first, a complete set of plans for ten consecutive lessons in an approved subject.

Prerequisite, twenty-four credits. First semester, three hours a week, three credits. Students taking this course are advised to register at the same time for Philosophy 1, unless they have already obtained credit in that course. Required for faculty recommendation for teaching.

2. **Administration and Management.—**
This course opens with a preliminary sketch of the origin of our school system. Then follows a study of the organization and administration of our schools. Attention will be given in particular to the secondary school system. The course concludes with a discussion of the problems of class management.

Prerequisite, twenty-four credits. Second semester, three hours a week, three credits.

3. **History of Education.—**
A general course in the history of education. It includes ancient oriental education, education in Greece and Rome, and through the medieval times. A fuller treatment is accorded the educational movements from the Renaissance to the present. Students taking this course are advised to take a course in European history, if they have not already done so.

Prerequisite, twenty-four credits. First semester, three hours a week, three credits. Not offered 1922-1923.

4. **Present Systems and the Philosophy of Education.—**
This course takes up the work where the previous course leaves off, with a study of modern educational systems. The study of the modern systems is used as a basis for a consideration of the aims of education immediate and remote.

Prerequisite, course 3. Second semester, three hours a week, three credits.

Credit in the Department of Education is given also for the following courses:

Biology 20	Latin 16
Chemistry 10	Mathematics 7
English 11	Mental Science and Philosophy 1, 4
French 7	Music 6
German 11	Physics 5
History 10, 11, 16	Religious Education 8
	Social and Political Science 44

The work in practice teaching is given in connection with the courses in teaching in the various departments and is in the care of the heads of those departments.

English

PROFESSORS JOHNSON, CLARK, WHITRIDGE, MCRAE, MISS DOTY AND MISS KELLOGG

This department offers a major in English Literature and a minor in Expression or English Composition. Courses offered as English Composition may be counted toward a major in English Literature.

1. Composition and Public Speaking

1. **Composition.**— PROFESSORS CLARK AND MCRAE MISS DOTY AND MISS KELLOGG

This course is required of all freshmen. Its purpose is to give the student practice in speaking and writing and to lay a foundation for future work in English.

One year, three hours a week, six credits.

2. **Expository Writing.**— PROFESSOR CLARK

Attention will be given to the organization and presentation of material, but the chief emphasis will be placed upon the development of the sources of originality of the student himself. The best work will be published in the Gateway Magazine.

Second semester, two hours a week, two credits.

3. **Short Story Writing.**— PROFESSOR CLARK

This course is designed for those who wish to attempt advanced work in narrative writing. The best stories written in this course will be published in the Gateway Magazine.

First semester, two hours a week, two credits.

4. **Newspaper Writing.**— PROFESSOR CLARK

(a) Introductory Course—This course introduces beginners to the theory and practice of journalism. Students wishing appointment to the Mac Weekly staff are advised to register for this course.

First semester, one credit.

(b) Advanced course.

Prerequisite, course 1. Second semester, one credit.

5. **Seminar in Advanced Composition.**— PROFESSOR CLARK

This course is designed for those who have done or wish to do some original writing outside of the regular class room work. No student should enroll for this course until he has consulted the instructor.

Prerequisite, fifty-four credits. One semester, one hour a week, one credit.

6. **Play Writing.**— PROFESSORS CLARK AND WHITRIDGE

First semester, three hours a week, three credits. Not offered 1922-1923.

7. **Public Speaking.**— PROFESSOR CLARK

The object of this course is to correct a student's faults in public speaking and enable him to present a message effectively from the platform.

First semester, two hours a week, two credits.

8. Argumentation and Debate.— PROFESSOR CLARK

A study and analysis of great debates by Calhoun, Webster, Lincoln and others. Abundance of practice is given in drawing up of briefs and in actual debating.

Prerequisite, twenty-four credits. Second semester, two hours a week, two credits.

9. Extemporaneous Speaking.— PROFESSOR CLARK

Registration for this course is limited to eight students. An entrance is based upon competitive tests.

Prerequisite, twenty-four credits. Second semester, two hours a week, two credits.

10. Seminar in Debating and Oratory.—

Open to those who represent the college in intercollegiate debates and in the state oratorical contest.

One semester, two hours a week, two credits.

11. Teachers' Course.— PROFESSOR CLARK

This course is designed to prepare students to teach English in secondary schools. The work consists of lectures, reports and actual practice teaching.

First semester, two hours recitation, two hours practice work, three credits.

13. English Philology.— PROFESSOR CLARK

Second semester, two hours a week, two credits.

15. World Masterpieces.— PROFESSOR CLARK

The course consists of an intensive study of the Book of Job, Homer's Odyssey, Dante's Inferno, Shakespeare's Othello, and Goethe's Faust.

Prerequisite, 54 credits. First semester, three hours a week, three credits. Not offered 1922-1923.

2. English Language and Literature

PROFESSOR JOHNSON

22. American Literature.—

Lectures and critical reading of selected authors; themes on assigned reading.

Prerequisite, course 1. One year, three hours a week, six credits. Not offered 1922-1923.

23. Old English.—

A study of the language, and reading of selections from the Old English Chronicle, King Alfred, Aelfric and the simpler poetry; Beowulf.

Prerequisite, course 1. One year, three hours a week, six credits.

24. English Literature.—
The aim of this course is to emphasize the main facts in the development of English literature from the seventh century until about 1600. Chaucer and Spenser are extensively read and discussed.

Prerequisite, course 1. One year, three hours a week, six credits Not offered 1922-1923.

25. English Literature.—
Shakespeare and Milton.

One year, three hours a week, six credits.

26. The Drama in England.—
Special attention will be given to the writings of the minor dramatists of the Elizabethan period. While the course deals chiefly with the English drama, attention will be given to other literatures.

Prerequisite, courses 1, 24 and 25. One year, three hours a week, six credits.

27. History of Literary Criticism.—
A study of the principles governing literary composition.

Prerequisite, courses 1 and 24. First semester, three hours a week, three credits.

28. Browning and Tennyson.—
A comparative study.

Prerequisite, courses 1, 24 and 27. Second semester, three hours a week, three credits.

29. The English Novel.—
Its rise and development.

Prerequisite, courses 1 and 24. One year, three hours a week, six credits. Alternate for course 26. Not offered 1922-1923.

Any of the above courses may be elected by the semester.

3. Expression

ADJUNCT PROFESSOR WHITRIDGE

A. Elocution and Voice Training.—
1. Theory. The principles underlying the art of expression and literary interpretation.

2. Practice. Deep breathing. Correction of voice faults and mannerisms. Factors of expression. Analysis and interpretation of the classics. Reading and speaking.

One year, three hours a week, four credits.

B. Literary and Dramatic Interpretation.—
Pantomime. Adaptation of the short story and play for platform work. Story telling. Scenes and original presentations.

Prerequisite, course A. One year, two hours a week, four credits.

C. Shakespeare and Modern Drama.—
Analysis and presentation.

Prerequisite, courses A and B. One year, two hours a week, four credits.

French

Associate Professor Pasmore and Miss Kellogg

1-2. Elementary French.—
Essentials of grammar, conversation, reading of easy texts, memorization of a few short poems, and dictation. This course is intended for those who have had no French.

One year, four hours a week, eight credits.

3. French Readings.—
Brief review of French grammar. Composition, conversation, and the reading of a number of nineteenth century French texts.

Prerequisite, course 1-2 or two years of high school French. One year, three hours a week, six credits.

4. Survey of French Literature.—
A course based on some elementary history of French literature like Pellissier's or Doumic's, with readings of extracts and a few entire works from the most important French writers. Lectures, outside readings, and reports.

Prerequisite, course 3 or an equivalent. One year, three hours a week, six credits.

5. French Novel.—
A brief survey of French fiction from the beginning, and special attention to French romances and novels from the seventeenth century on. Text used, Morrillot's Le Roman en France. Lectures, outside readings, reports.

Prerequisite, course 4. One year, three hours a week, six credits.

6. French Drama.—
A course based on Petit de Julleville's Le Theatre en France. Lectures, outside readings, reports.

Prerequisite, course 4. One year, three hours a week, six credits.

7. Teachers' Course.—
Phonetics, advanced grammar, practical composition and conversation. Discussion of texts, reference books, journals, etc. and methods of teaching. Required of all who wish to teach French; optional with others. This course should be taken in the senior year.

One year, three hours a week, six credits.

8. French Poetry.—

A study of prominent works of important French poets, and of French songs, combined with a brief treatment of French verse structure. Lectures, readings, reports.

Prerequisite, course 3 or an equivalent. One year, three hours a week, six credits.

9. French Classics.—

Study and discussion of masterpieces of French literature from the seventeenth century on, of one or more writers of each century. Lectures, readings, reports.

Prerequisite, course 4 or an equivalent. One year, three hours a week six credits.

11. Scientific French.

Readings from general scientific works intended to fit students of the sciences for research work in their special science.

Prerequisite, course 3 or an equivalent. First semester, three hours a week, three credits.

12. French Composition.

This course furnishes abundant practice in both composition and conversation.

Prerequisite, French 3 or an equivalent. One year, three hours a week, six credits.

A major in French requires continuous work in the language thruout the college course, unless French is presented upon entrance. It is highly desirable that Latin be presented as a basis for French.

Geology

PROFESSOR ALEXANDER

1. General.—

A general study of the forces at work within and upon the surface of the earth, the structural forms which these forces have produced and the history of the earth and the life upon it. Illustrated lectures combined with recitations and quizzes upon text work assigned. Field work for the study of local geology.

One year, three hours a week, six credits.

2. Mineralogy.—

A short course in mineralogy including a brief study of crystal forms and practical methods for the identification of the common minerals.

Prerequisite, Chemistry 1. First semester, three hours a week, three credits.

3. Fossil Biology.—

A short course in fossil biology. This includes a study of the methods used for collecting, identifying and interpreting fossil forms and their life relationship.

Prerequisite, elementary biology or geology 1. Second semester, three hours a week, three credits.

German

ASSOCIATE PROFESSOR CHALFANT AND MR. GROSSHUESCH

1-2. Elementary German.—
Essentials of grammar, reading, conversation. This course is intended for students who have had no German.

One year, five hours a week, ten credits.

3. Intermediate German.—
Reading of prose and the easier dramas of Schiller and Lessing. Review of grammar; composition; conversation.

Prerequisite, course 1-2 or two years of high school German. One year, four hours a week, eight credits.

4. Modern Prose and Drama.—
General reading course.

Prerequisite, courses 1-2 and 3 if the language was begun in college. Those presenting three years of high school German may either elect this course or one of courses 5, 6, 7, 12. One year, three hours a week, six credits.

5. Reading of selections from the epic in a modern German translation, followed by a rapid reading of Wagner's Der Ring der Nibelungen. Lectures on the interpretation of the mythology of both.

Second semester, three hours a week, three credits.

6. Survey of German Literature.—
A general survey course up to the classic period; readings and reports.

One semester, three hours a week, three credits.

7. Lessing.—
A brief study of his life and times and the reading of at least two of his important works.

First semester, three hours a week, three credits.

8. Schiller.—
A rapid survey of his life and the reading of several of his dramas and his most important poems.

Second semester, three hours a week, three credits.

11. Composition and Teachers' Course.—
Advanced syntax and practical composition; conversation. In the second semester a sufficient amount of time will be devoted to methods of teaching, text books, phonetics, etc. Required of all those who desire to teach German; with others optional.

One year, three hours a week, six credits. Senior year preferred.

13. Medical German.—
Readings from general works on physiology, anatomy and bacteriology.

One year, three hours a week, six credits.

Greek

PROFESSOR HALL

Course 1a is not counted toward a major.

1a. Grammar.—
A study of the elements of the language. Drill in form, vocabulary, syntax and composition. Readings from Xenophon's Anabasis.

One year, five hours a week, ten credits.

1. Xenophon or Lucian.—
The Hellenica, Books I and II, with discussion of the earlier stages of the Peloponnesian war or Lucian's Charon or Timon and selected short dialogues, with a survey of the literary and social conditions of the age.

First semester, four hours a week, four credits.

2. Homer or Herodotus.—
The Iliad, Books I-IV in literary and grammatical study; or Herodotus, stories, and selections from Book VII, with a careful consideration of accidence and syntax, of the Ionic dialect.

Second semester, four hours a week, four credits.

3. Athenian Orators.—
Selected orations of Lysias and Demosthenes. Theme work on Isaeus, Isocrates and others. Athenian legal procedure.

Prerequisite, course 2. First semester, three hours a week, three credits.

4. Plato.—
The Apology and Crito. Socrates and his teachings, with readings from Xenophon's Memorabilia.

Prerequisite, course 2. Second semester, three hours a week, three credits.

5. The Drama.—
Selected plays of Aeschylus or Euripides and Aristophanes. Rise and development of tragedy and comedy. The Greek theater and production of plays.

Prerequisite, courses 1, 2, 3 and 4. First semester, three hours a week, three credits.

6. English Course in Greek Literature.—
Studies in the elegiac, lyric and dramatic poets of Greece for students having no knowledge of Greek.

Prerequisite, twenty-four credits. First semester, two hours a week two credits.

7. The Odyssey.—
Selections from Books I-XII. Sight reading. Literary study of the whole poem from the English translations of Palmer and of Butcher and Lang.

Prerequisite, courses 1, 2, 3 and 4. Second semester, three hours a week, three credits.

8. Lyric Poetry.—
Selections from the elegiac and lyric poets.

Prerequisite, courses 1, 2, 3 and 4. Second semester, two hours a week, two credits.

9. The Greek Testament.—
This course is intended not only for candidates for the ministry but for any who have studied classical Greek and who wish to acquire a reading knowledge of the New Testament in the original Greek. The aim is to master a good working vocabulary, the main characteristics of New Testament Greek and to get some practice in Greek exegesis.

Prerequisite, Greek 1. One year, two hours a week, four credits.

10. Classic Mythology.—
A study of the more important myths of Greece and Rome with special attention to their use in English literature.

Second semester, two hours a week, two credits.

History

PROFESSORS FUNK AND MCRAE AND MISS BRIGGS

Students who major in this department ordinarily will be required to take courses 1, 2, 5 and 6. Courses 1, 5 and 6 are open to freshmen. Students choosing history as a minor are recommended to pursue courses 5, 6 and 9. Those majoring in this department will be expected to secure at least eighteen credits in related subjects, such as economics, sociology, political science, and the history of philosophy.

1. Early European History and the Middle Ages.—
PROFESSOR MCRAE

This course covers a resume of Roman imperial institutions society and culture, the origin and racial characteristics of European peoples, the beginnings and growth of the church and extends to about 1450. Lectures, text, collateral reading form the basis of the work.

One year, three hours a week, six credits.

2. English Political and Constitutional History.—
PROFESSOR MCRAE

This is a study of the political and constitutional development of England to 1660. Some attention will likewise be paid to social and economic development.

One year, three hours a week, six credits.

3. The Renaissance and the Reformation.— PROFESSOR FUNK

This course covers the period from 1300 to 1648. The greater part of the first semester is devoted to the Renaissance and the remainder of the year is given to the Reformation. Topical reports and a thesis are required.

One year, three hours a week, six credits.

4. The French Revolution.—
In this course the causes bringing about the fall of the Bourbons, the revolution proper and the Napoleonic era are studied.

First semester, three hours a week, three credits.

5. American History.— PROFESSOR FUNK

1787-1850. This course is a study of the making of the constitution, the organization of the government, formation of political parties, economic and territorial expansion and the growth of national consciousness and power. Text-book, lectures and collateral reading.

First semester, three hours a week, three credits.

6. American History.— PROFESSOR FUNK

1850-1918. In this course are studied the forces which brot about the division and reunion of the nation, the period of reconstruction, and those economic, social and political events that have characterized our recent history. This is a continuation of History 5.

Second semester, three hours a week, three credits.

7. American Colonial History.—
Beginning with a background study of European conditions leading to the discovery of America, the voyages and explorations, the settlements in the colonies, this course aims to trace the development of those institutions and forces which led to American independence, and ends with a careful study of the Revolution.

First semester, three hours a week, three credits.

8. The Westward Movement.— PROFESSOR FUNK

This is a study of the westward extension of the United States and of the economic and political development resulting from this expansion.

Prerequisite, course 7, or courses 5 and 6. First semester, three hours a week, three credits.

9. Modern European History.— PROFESSOR FUNK

From 1815 to the present time. Special attention is devoted to the establishment of constitutional governments and the industrial evolution of this period.

One year, three hours a week, six credits.

10. History of Rome.—

A systematic study of the social and political development of the Roman nation and the causes of its downfall. Course will consist of text-book work, collateral reading and lectures. Recommended to those intending to teach Latin and History.

One year, three hours a week, six credits.

11. History of Greece.—

A study of the political and social development of the Greek states to the time of their incorporation into the Roman Empire. Special attention will be given to the permanent influence of Greek civilization. Text-book work, reading, lectures.

One year, three hours a week, six credits.

12. History of Fine Arts.— MISS BRIGGS

A study of the development of architecture, sculpture and painting thru the various periods of ancient, medieval and modern art. An effort is made to familiarize the student with the great masterpieces by means of photographs, stereopticon lectures and visits to the art galleries in St. Paul and Minneapolis.

One year, two hours a week, four credits.

13. History of American Diplomacy.— PROFESSOR FUNK

This is a chronological survey of the relation of the United States to foreign countries from 1776 to the present time. Text-book, lectures and collateral reading.

Second semester, three hours a week, three credits.

15. English, Social and Political History from 1660 to the Present.— PROFESSOR MCRAE

Special attention will be paid to the development of the cabinet and parliamentary system and the expansion of English world policies.

Second semester, three hours a week, three credits.

16. Historical Method.— PROFESSOR FUNK

This course is a study of the history of history, the development of a scientific historical method. When taken in conjunction with History 10 or 11 it gives six credits in Education.

One year, three hours a week, six credits.

Home Making

ADJUNCT PROFESSOR WHITRIDGE

3. The House.—

(a) Evolution of the modern home from primitive conditions. Its object. Selection of site with regard to climate, soil, drainage and neighborhood. Location of house with regard to exposure, light and prevailing winds. Study of house plans to meet the requirements, comfort and convenience of the family for which the house is intended. Drawing of specific plans.

(b) Household Art.—

Furnishing the house from the standpoint of good taste and economy. Value of form, color, design and materials in interior decorations. Wallpapers, carpets and curtains. History of furniture. Household management.

First semester, two hours a week, two credits.

4. Social Culture.—

The hospitality of the home. The forms and customs known and observed in community life.

Second semester, one hour a week, one credit.

Latin

PROFESSOR HAZZARD

Courses 1-2 and 17 are open without prerequisites to all students. Students who have had less than two years of Latin in high school should enter course 1-2; those who have had two or three years should enter course 3-4; those who have had four years should enter either course 5 or course 7. Courses 5 and 6 may be taken either before or after courses 7 and 8. Students who desire to be recommended by the department to teach Latin are required to have had courses 5 to 10 inclusive and 16 and are strongly urged to take course 15. Courses 1-2 and 3-4 are not counted toward a major.

1-2. Elementary Latin.—

The content of this course corresponds to that of the first two years of high-school Latin. Elements of grammar; easy readings; selections from Caesar.

One year, five hours a week, ten credits.

3-4. Intermediate Latin.—

The content of this course corresponds to that of the third and fourth years of high-school Latin. The choice of selections to be read is made with a view to the previous reading of the members of the class.

Prerequisite, two years of high-school Latin or course 1-2. One year, four hours a week, eight credits.

5. Livy.—

Selections from Livy's account of the Second Punic War. Review of forms and syntax.

Prerequisite, four years of high-school Latin or course 3-4. Given in alternate years. First semester, four hours a week, four credits.

6. Comedy.—

Representative plays of Plautus and Terence. Collateral work on the history of the drama and the Roman theatre.

Prerequisite, course 5. Given in alternate years. Second semester, four hours a week, four credits.

7. Cicero.—

Readings from Cicero's essays and philosophical works. Review of forms and syntax.

Prerequisite, four years of high-school Latin or course 3-4. Given in alternate years. First semester, four hours a week, four credits. Not offered 1922-1923.

8. Horace.—

Selections from the whole of Horace's works. Special attention is paid to literary criticism and appreciation.

Prerequisite, course 7. Given in alternate years. Second semester, four hours a week, four credits. Not offered 1922-1923.

9-10. Prose Composition and Sight Reading.—
Should be taken with courses 5 and 6 or 7 ahd 8. One year, one hour a week, two credits.

13. Poets of the Republic.—
Study of the poets of the republican period with reading of extensive selections from Catullus and Lucretius.

Prerequisite, courses 5, 6, 7 and 8. Given in alternate years. First semester, three hours a week, three credits.

14. Writers of the Silver Age.—
Study of the literature of the Silver Age with reading of selections from the more important authors, especially Tacitus and Pliny the Younger.

Prerequisite, courses 5, 6, 7 and 8. Given in alternate years. Second semester, three hours a week, three credits.

15. History of Latin Literature.—
Lectures on the lives and writings of the important Latin authors, with extensive collateral reading in their works.

Given in alternate years. First semester, one hour a week, one credit. Not offered in 1922-1923.

16. Teachers' Course.—
Consideration of problems pertaining to the teaching of high-school Latin. The course is conducted by means of lectures and collateral reading.

Prerequisite, courses 5, 6, 7 and 8. Given in alternate years. Second semester, three hours a week, three credits. Not offered 1922-1923.

17. Roman Civilization and Its Survivals in the Modern World.—
Illustrated lectures on the geography of the Roman world, the topography of Rome, Roman architecture, art, commerce, political institutions, law and religion, and the influence of these phases of Roman life on modern civilization. No knowledge of Latin is required.

Given in alternate years. First semester, two hours a week, two credits. Not offered in 1922-1923.

18. Roman Pastoral Poetry.—
A study of the pastoral poetry of Rome and its relation to English pastoral poetry. Vergil's Eclogues and Georgics will be read.

Prerequisite, courses 5 and 6 or 7 and 8. Given in alternate years. Second semester, three hours a week, three credits.

Mathematics and Astronomy

PROFESSOR KINGERY

Courses 1a and 9 are not counted toward a major or minor. Course 5 required for a major.

1a. Solid Geometry, Algebra and Trigonometry.— This course is for those who present only two units in high-school mathematics.

One year, four hours a week, eight credits.

1. College Algebra.—

Graphic representation of functions, ratio and proportion, variation, theory of quadratics, progressions, series, etc.

First semester, four hours a week, four credits.

2. Trigonometry and Analytic Geometry.—

Definitions of trigonometric functions, development of formulae and their application to the solution of problems, plane and spherical. This is followed by a brief course in analytic geometry, sufficient for elementary courses in physics and astronomy.

Prerequisite, course 1. Second semester, four hours a week, four credits.

3. Analytic Geometry.—

This is a continuation of course 2. Equations of straight lines and the principal curves and their tangents are discussed by both rectilinear and polar coordinates.

Prerequisite, course 2. First semester, four hours a week, four credits.

4. Differential and Integral Calculus.—

A brief study of the principles of differential calculus based on theory of limits, followed by a short course in integral calculus.

Prerequisite, course 3. Second semester, four hours a week, four credits.

5. Advanced Calculus.—

Continuation of course 4.

One year, three hours a week, six credits.

6. Surveying.—

Prerequisite, course 2. One or two semesters, three hours a week, three or five credits.

7. Advanced Algebra and Geometry.—

Intended especially for those preparing to teach.

Prerequisite, course 1. One year, three hours a week, six credits.

8. Astronomy.—

Text-book, lectures and practical work with sextant, transit and clock.

Prerequisite, course 2. One year, five hours a week, six credits.

9. Mechanical Drawing.—

A course designed for those taking shop work or preparing for technical schools.

One, two or three semesters, four hours a week, one, two or three credits.

11. Mathematics of Investment.—

One semester, two hours a week, two credits.

The Mental Sciences and Philosophy

PROFESSORS ANDERSON AND LORENZEN

1. Psychology.—

An introductory course covering the main features of normal human psychology:

(1) A brief introduction in experimental work, intended to accustom the student to introspective study and to give him an insight into the methods of modern psychological investigation.

(2) A survey of the more prominent aspects of the conscious life. This part opens with a synopsis of the nervous mechanism and is followed by a consideration of the sensations, perceptions, affections, memories, judgments, etc. Required for graduation in all courses. Not open to freshmen unless planning to major in Group II.

Either semester, three hours a week, three credits.

2. Ethics.—

This course includes an historical sketch of ethical theories and of the conceptions of life that have been held, a study of ethical theory and of practical problems.

The attempt is made in this course to develop a system of thought that does justice to Christian motive and doctrine and is, at the same time, based upon a proper scientific and philosophical basis. Required for graduation in all courses.

Prerequisite, twenty-four credits or course 1. Either semester, three hours a week, three credits.

3. Logic and Scientific Method.—

This is a study of the instruments of thought and investigation and of the methods and tests of proof. Much attention is given to fallacies and the analysis of fallacious reasoning. Students may begin this course either semester, but no credit is allowed for one semester.

One year, two hours a week, one of which is used as a laboratory hour, three credits.

4. Advanced Psychology.—
The first part of this course requires a more thoro survey of the ground covered in course 1. The second part is a brief study of social and child psychology. This prepares the way for the third part of the course, the application of psychology to the problems of the day, chiefly those of education.

Prerequisite, course 1. One year, three hours a week, six credits.

5. Advanced Logic and Scientific Method.—

A course covering the same general ground as course 2, but much more thoroly. It consists of two parts:—

(1) Formal logic, with a closer study of logical theory and concepts, modal propositions, etc. With it will be given a brief course of lectures on genetic logic.

(2) Scientific method. A more complete study of the methods of science, including statistics, probability, etc. As a part of this course will be included a brief course of lectures on the history of science.

Prerequisite, course 3. One year, two hours a week, four credits.

Philosophy seeks a consistent view of the world and of life; it seeks the meaning to life and reality; it is cultural in character; it would correct the one-sidedness of the mere specialist and correlate the results of general study. Students may begin with any of the following courses:

10. History of Philosophy, Ancient and Medieval.—

Beginning with the early Greeks this course follows the course of philosophic thought down to the period of Bruno, with the purpose of noting the development and relationships of the chief philosophical concepts. Attention is concentrated upon the leading thinkers and on the movement of thought. Collateral readings in Plato, Aristotle and others are required.

Prerequisite, fifty-four credits, unless by the approval of the instructor. First semester, three hours, three credits.

11. History of Philosophy, Modern.—

Continuing the preceding, from Bruno to the present time. Constant use of Rand's classical Modern Philosophers is made for collateral reading.

Prerequisite, seventy credits, unless by the approval of the instructor. Second semester, three hours, three credits.

12-13. English Thinkers.—

The course deals with the characteristics of English thought and some of the important English philosophical movements. It will include readings in representative philosophers. Each stu-

dent in the course will be expected to make an intensive study of some one thinker.

Prerequisite, fifty-four credits, unless by the approval of the instructor. The course may be elected for either or both semesters, three hours, three or six credits. Not offered 1922-1923.

Music

MR. PHILLIPS, MR. FAIRCLOUGH, MISS KAY, MISS BRIGGS AND MISS YOUNG

Music may be chosen as a major or minor. The maximum number of credits permitted in such work is thirty-two. Not more than eight credits in practical music (voice, organ, piano, violin) will be allowed upon recommendation of the faculty of the Conservatory of Music after a sufficient amount of harmony (usually two years) has been completed. Of the twenty credits required for a major eight credits in harmony and two in Physics 6 must be obtained. Of the twelve credits required for a minor six must be obtained in theoretical music, and of these two in harmony and two in appreciation are required.

The special fees for courses in music must be paid by the student at conservatory office, except in courses 1, 7, 9 and 10.

1. Elementary Harmony.—

The work of this year will include all triads, seventh chords, cadences, modulation and suspensions.

One year, two hours a week, four credits.

2. Advanced Harmony.—

This is a continuation of the first year's study for greater proficiency in the use of the material. The student will compose and have a great deal of practice in transposing pieces heard but once. Memorizing will be an important feature of the work.

One year, two hours a week, four credits.

3. Counterpoint.—

Simple counterpoint beginning with two, three and four-part writing in one, two, three and four notes against one is studied first, followed by syncopated and florid counterpoint with special stress on the latter used in three and four parts.

First semester, two hours a week, two credits.

4. Elementary Composition.—

This course is an introduction to the art of composition, with original work in the simpler forms, instrumental and vocal. Facility and clearness in the use of original musical ideas expressed through modern harmony and counterpoint are sought. The student is expected to accomplish work of sufficient merit for public performance.

Second semester, two hours a week, two credits.

5. Composition and Orchestration.—
A course in original composition. Instrumental and vocal compositions of simple and complex forms: (a) In the strict classical forms from song to sonata in homophonic and polyphonic style; (b) In the free forms, applying modern means of harmonization, modulation and imitation; (c) Orchestration. This work must have sufficient merit for public performance.
One year, two hours a week, four credits.

6. Public School Music.—
For a detailed description of this course see Conservatory of Music.
Two years, two hours a week, eight credits.

7. History of Music.—
A study of the beginnings of music through the classical period, including the history and development of instruments. The college library has a good collection of reference works on music and our students have access to the fine collections in the public libraries of the Twin Cities.
One year, two hours a week, four credits.

8. History of Music.—
This is a continuation of Course 7, studying the development of music from the Romantic period to our own day. By means of the talking machine, records of many operas, oratorios, symphonies, songs and piano compositions are studied.
One year, two hours a week, four credits.

9. Appreciation of Music.—
This is a study of the form and meaning of music. A preliminary study of the instruments of the orchestra is given preparatory to the concerts of the Minneapolis Symphony Orchestra.
One year, two hours a week, four credits.

10. Appreciation of Music.—
This is a continuation of Course 9 and is devoted to a thorough study of romantic and modern forms since the time of Beethoven.
One year, two hours a week, four credits.

11. Normal Training for Piano Teachers.—
(a) Course for advanced and senior students, who, tho good performers, are not prepared for the art of teaching.
(b) Course for young teachers requiring a more complete knowledge of modern piano teaching methods and material. See Conservatory of Music for further details.
One year, two hours a week, four credits.

12. Junior Progressive Series Theory.—
One year, one hour a week, two credits.

13. Senior Progressive Series Theory.—
One year, one hour a week, two credits.

WALLACE HALL

Physics

PROFESSOR ALEXANDER

Course 1 is not counted toward a major.

1. General Physics.—

This is a short course which covers the entire subject in one year. Demonstrations in connection with the lectures are substituted for a considerable amount of the individual laboratory work that is done by the student in the long course, and some of the more technical features of the subject that are not of general importance are omitted. The aim is to offer a thoro year's work in the general principles of physics to those who are taking courses which will not permit them to take the regular long course in the subject. It is recommended only to those who are taking classical or literary courses, or a two-year course in preparation for some school of medicine.

Prerequisite, Mathematics, course 2. One year, six hours a week, eight credits.

2. Mechanics, Sound, Heat.—

This course includes a thoro study of mechanics, sound and heat. A large part of the time is spent in laboratory work and the student's conceptions of physical laws are developed as largely as possible from observation and experiment. About forty quantitative experiments are performed by each student in the laboratory, the aim being to afford a working knowledge of modern measuring instruments of precision and to develop quantitative methods, as well as to discover and verify the laws of nature. Careful attention is given to the problem of the errors in measurement, the student being required in each case to consider the origin of the errors and methods for their elimination and to compute the probable errors of observations and results.

Prerequisite, Mathematics, courses 1 and 2. One year, six hours a week, eight credits.

3. Electricity and Light.—

This course includes a thoro study of electricity and light. Forty experiments are performed, thirty-five of which are in electricity, giving the student an opportunity to familiarize

himself with electrical measuring instruments. The work in light includes measurements with the photometer, spectrometer and interferometer.

Prerequisite, Mathematics, courses 1 and 2. One year, six hours a week, eight credits. Not offered 1922-1923.

Courses 2 and 3 together constitute what is termed the long course in physics and are designed especially to meet the needs of students taking a scientific course. These two courses together with Physics 5 should be taken by students preparing to teach physics in secondary schools.

4. Advanced Physics.—

In this course a thoro study is made of some topic approved by the head of the department. The work is largely individual and experimental. The aim is to deepen rather than to broaden the student's knowledge of the subject and to cultivate a taste for research. Those who major in physics are required to take this course as a basis for their theses.

Prerequisite, course 2 or 3. First semester, four hours a week, two credits.

5. Laboratory Technic.—

In this course a study is made of the design, construction, operation and repair of the more elementary laboratory apparatus and of the use and manipulation of laboratory materials. The aim is to afford those students who are preparing to teach physics a practical working knowledge of the physical laboratory.

Prerequisite, course 1, 2 or 3. Second semester, four hours a week, two credits.

6. Sound.—

This course includes a study of the mechanics of sound, particularly wave motion, interference, resonance and quality. Also the development of the diatonic and tempered scales and the construction and theory of the common musical instruments.

One semester, three hours a week, two credits.

7. This is a lecture and demonstration course covering the most important and interesting phenomena of physics. No quantitative work is attempted that requires advanced mathematics. The aim is to lead the student to an appreciation of natural law by deductions made from qualitative observations.

One year, three hours a week, four credits. Not offered 1922-1923.

Religious Education

Bible Training

On the John C. Martin Foundation

PROFESSORS WALLACE AND MCRAE

The great importance of moral and religious training finds, in all our colleges, increasing recognition. Intellectualism alone has proved utterly inadequate for the individual, society and the nation. Knowledge and efficiency cannot safely be made the ultimate aim of education. A much more vital and important consideration is, what are the ends which knowledge and efficiency must be made to serve.

In any complete system of education the spiritual nature of man and his chief end in life must be amply recognized. The best known means for the cultivation of this nature and for the discovery of this chief end is found in Christianity, in the central figure of all history—Jesus Christ.

Every educated man and woman should have, must have, a true philosophy of life and we believe that such philosophy is found in the Christian view of God and of the world as presented in the Holy Scriptures.

For the above reasons Macalester has made large provision for religious training.

In addition to the required courses for all students the department offers elective and advanced courses for students wishing to prepare themselves for forms of Christian service other than the gospel ministry.

The church, as well as the world, has entered on the era of the laity. Christianity is girding itself for the conquest of the world. Her call for leaders and workers of all sorts is louder and more engaging than ever before. The world is white unto the harvest and the reapers include not only preachers and evangelists, but missionary teachers, missionary physicians, settlement workers, pastors' assistants, secretaries of Young Men's and Young Women's Christian Associations, trained Sunday school organizers, and lay workers generally.

To students training for any of these vocations the college offers special advantages. Open to them is instruction in many

subjects essential to thoro preparation for any of the above forms of Christian activity, such as languages, science, literature, philosophy, history, ethics, sociology, elocution, music.

Courses 1, one semester, and 2 are not counted toward a major or minor.

1. The Life of Christ.— PROFESSOR WALLACE

(a) This is studied by means of a harmony of the gospels. By way of introduction attention is directed to the political and religious condition of the time and to the characteristics and view-point of the gospel writers. By discriminating discussion of the teachings of Christ and a realistic presentation of the facts and incidents of His life an effort is made to deepen personal faith in Christ as the Savior of men and to bring the student into appreciation of Jesus as the master teacher of all time. Attention is directed primarily to the careful study and interpretation of the text of the Gospels.

Required of freshmen, first or second semester, two hours a week, two credits.

(b) Continuation of (a).

Elective, second semester, two hours a week two credits.

Students who are already fairly familiar with the gospels, or who for any reason prefer to do so, may, in lieu of the above, take Old Testament History. See course 9.

2. The Missionary Labors of the Apostles.— PROFESSOR WALLACE

These studies are based on the Acts of the Apostles and in part on the New Testament Epistles. The external and internal growth of the early church is carefully traced and the whole movement is viewed as a continuance of the work of Christ thru the agency of the Holy Spirit and of His inspired apostles. The authorship and credibility of the Acts, its teaching concerning Jesus, the Holy Spirit, and the organization of the early church receive special attention.

Required of sophomores, one year, one hour a week, two credits.

3. Prophets of Israel.— PROFESSOR WALLACE

This course consists of a thoro study of the prophets, their place in the community, their functions and their messages. It is pursued inductively from the Bible text with the object

of acquainting the student as fully as possible with the foreshadowings of the Christ. All the Messianic passages are carefully analyzed with reference to their historical background and in the order of their development.

One year, two hours a week, four credits.

4. The Literary Study of the Bible.— PROFESSOR WALLACE

(a) This course includes a careful study of the Bible, viewed as literature. The rhetorical characteristics of the Hebrew language and the various literary forms of the Bible are closely examined. This done, various parts of the Bible best illustrating these forms and characteristics are critically studied and drawn out in their proper literary form. As sound literary criticism is based on a thoro study of the thought and thought-connections, the literary study of the Bible proves in practice a very valuable aid to interpretation. It is for this reason, especially, that it is included in the course. Much use is made of the text-books of Moulton and Genung.

Prerequisite, courses 1 and 2. First semester, two hours a week, two credits.

(b) A continuation or repetition of (a) with literary study of various passages of Scripture and the application of the principles of literary criticism to their interpretation.

Prerequisite, courses 1 and 2. Second semester, two hours a week, two credits.

6. Inter-Testament History.— PROFESSOR WALLACE

This course is intended (1) to trace the history of the Jews from Malachi to John the Baptist under the Persians, Greeks, Maccabees and Romans; (2) to trace the rise of the various Jewish sects. A knowledge of the outward political fortunes of the Jews, as well as the movement of Jewish thought in this period is of great importance for an intelligent understanding of the ministry of Christ and His Apostles.

Prerequisite, courses 1 and 2. Second semester, two hours a week, two credits.

7. Oriental History Contemporary with the Old Testament.— PROFESSOR WALLACE

This course includes (1) a study of the history and religion of Babylonia, Assyria and Egypt; (2) the relation of this material to the explication of Old Testament history. The course is based on the histories of Winckler, Rogers, McCurdy and others.

Prerequisite, courses 1 and 2. Second semester of alternate years, two hours a week, two credits.

8. Biblical Pedagogy and Sunday School Work.— PROFESSOR WALLACE

This course includes: (1) a study of Jesus as a teacher—a careful consideration of the question, What made Him the Master Teacher of all time?—His mastery of the technique of educational methods as illustrated in the four Gospels; (2) methods of Bible study, teaching and of Sunday school work; (3) the influence of Christianity on the world's education. It is based mainly on the Master and His method (Griffith-Jones), Jesus as a Teacher (Hinsdale), The Making of the Teacher (Brumbaugh), Teacher Training with the Master Teacher (Beardslie), supplemented by lectures.

Second semester of alternate years, two hours a week, two credits.

9. Review of Old Testament History.— PROFESSOR WALLACE

This is offered in lieu of course 1 to college students who have had little or no opportunity of pursuing a consecutive study of Old Testament history before entering college. The history of Israel is pursued from the founding of the kingdom under Samuel till the fall of Jerusalem, by close consecutive study of Samuel I and II, Kings I and II, Ezra and Nehemiah.

One year, two hours a week, four credits. Elective either semester.

10a. Apologetics.— PROFESSOR WALLACE

A brief exposition of Christian theism. History of the presentation and defense of Christianity with special emphasis on the important episodes from the time of the early contact with Greek philosophy down to the modern adjustments with natural sciences, philosophy, sociology, and comparative religion. An analysis of the changing elements and the permanent elements in the various methods of commending the Christian religion.

First semester, two hours a week, two credits.

10b. Comparative Religion.— PROFESSOR MCRAE

A study of the great religious systems of the world including Hinduism, Buddhism, Zoroastrianism, Confucianism, Taoism, Shintoism and Islam, with readings from the sources. An analysis of the elements common to these systems and Christianity, and of the elements that are peculiar to Christianity. An examination of certain modern cults that have borrowed extensively from one or more of the above systems.

Second semester, three hours a week three credits.

11. Christianity and the State.— PROFESSOR WALLACE

The object of this course is to train the student in Christian statesmanship, to ascertain and classify the biblical principles that have to do with the functions and problems of the state, including the state's international relations, to trace the influence of these principles in the development of free institutions, to make clear the moral basis of democracy, to show that the highest statesmanship must be Christian and that this statesmanship is imperatively demanded by present world conditions and that by these alone can party platforms and public policies be soundly tested.

For practice in this kind of thinking a thoro study of the League of Nations is made in the light of history, of conditions in Europe before and after the war and of Christian principles. This part of the subject is pursued with the aid of "The League of Nations," published by the Atlantic Monthly Press, and much collateral reading.

First semester, two hours a week, two credits.

12. International Lessons.— PROFESSOR WALLACE

A course in the International Sunday School lessons. The aim of this course is to study the setting of the lesson, make careful analysis of the materials and discuss the pedagogical teaching of the lesson.

One year, one hour a week, two credits.

Other courses for which credit is given in the Bible Training Department are:—

Greek 9, Greek Testament.
Mental Science and Philosophy 2 and 11.
History 3, The Reformation Period.
Social Service 1.
Vocation 1.

Equipment.—This department is equipped with

1. The Kent and Madsen wall maps.
2. The large relief map of Palestine, 8 x 5 feet, published by the Palestine Exploration Society of London.
3. The relief map of Jerusalem and its environs, 4½ x 4 feet.
4. A missionary map of the world, 5 x 9 feet.
5. A chart, 22 x 3 feet, of ancient synchronological history.
6. Religious literature embracing over one thousand volumes.
7. The Thompson Reflectoscope and Stereopticon.

Social and Political Science

PROFESSORS DAVIS AND WILSON

The aim of this department is to acquaint the student as far as possible with the whole field of social life and activity.

All the courses may be counted toward a major or minor except 1 and 11, which can only be counted toward a minor. Only three credits will be allowed for courses 1 or 11 if taken in the senior year.

A. Sociology

1. General Principles.—

Under this head are included the history, various theories and principles of the science. Important aims are to show the extent of the field, to arouse an interest in the study, and to correct methods of sociological investigation.

Either semester, three hours a week, three credits.

3. History of Social Ideas.—

This course will include (1) the social views of the ancient nations; (2) the ideal republics from Plato down to the present; (3) modern socialistic schemes.

Prerequisite, course 1. Second semester, three hours a week, three credits.

4. Social Psychology.—

A study of suggestibility, instinct, feeling, sympathy, imitation, conventionality, the crowd, public opinion, etc.

Prerequisite, course 1. First semester, three hours a week, three credits.

8. Physical Anthropology.— PROFESSOR WILSON

Prehistoric times; ages of stone and metals; ancient inhabitants of Europe, Asia, Africa, Oceania and America; modern races and ethnic groups; somatic, morphological and physiological characters; classification of races and peoples.

First semester, three hours a week, three credits.

9. Social and Economic Life of the American Indians.—

(a) Primitive culture and philosophy, exemplified by studies of the Hidatsa Indians. Text-book and lectures.

Prerequisite, courses 1 or 8. First semester, three hours a week three credits.

(b) Social and economic group life of the American Indians. A general survey of the arts, culture and mythologies of the main barbaric and semi-civilized groups of American Indian tribes. Text-book and lectures.

Prerequisite, courses 1 or 8. Second semester, three hours a week, three credits. Either semester may be taken separately.

B. Economics

11. General Principles.—

A general survey is taken of the history, theories and generally accepted principles of the science. The latest edition of "Outlines of Economics," by Ely, will be used, supplemented by collateral studies in Adam Smith, Mill, Ricardo, Taussig, etc.

Either semester, three hours a week, three credits.

12. History of Economic Theory.—

This course will trace the development of economic thought in the principal nations of Europe and America, especially in relation to philosophy and conditions of environment. The histories of Haney, Ingram and Gide will be used for reference.

Prerequisite, course 11. One year, three hours a week, six credits.

13. The Industrial History of England.—

The intention of this course is to make the student acquainted with the salient features of England's industrial and commercial progress and thus prepare him for a study of the economic history of the United States. The works of Cheney, Ogg, Innes, Usher and others will be used for reference.

Prerequisite, course 11, second semester of alternate years, three hours a week, three credits.

16. Elements of Bookkeeping and Accounting.—

One semester, five hours a week, three credits.

17. Economic History of the United States—

An historical study of American agriculture, commerce, transportation, industry and finance.

First semester, two hours a week, two credits.

C. Political Science

31. Elements of Political Science.—

The aim is to trace clearly the great and distinctive features in the governments of Europe and of the United States.

Prerequisite, course 1. Second semester, three hours a week, three credits.

D. Legal Science

41. Roman Private Law.—

The object is to acquaint the student with (1) the origin and development of Roman Law; (2) its relation to modern systems of State Law.

Prerequisite, course 1. First semester, three hours a week, three credits.

43. Elements of Jurisprudence.—

Holland's "Jurisprudence" is used. The general subjects considered are Laws and Rights, Private, Public and Adjective Law, the object being to acquaint the student with the principles of fundamental law in their historical development and their practical application to the several phases of social life.

Prerequisite, course 41. Second semester, three hours a week, three credits.

44. Method and Teaching of the Social Sciences.—

The object of this course is to train the student in the methods of scientific approach and of instruction in the classroom. Analysis and discussion of representative treatises. Practical exercises by students.

Prerequisite, courses 1 and 11, second semester, three hours a week, three credits.

Social Service

PROFESSOR MCRAE

Students majoring in Social Service, while conforming to the requirements of Group II, must include the following courses:— Biology 1 and 3 or Chemistry 1, History 5 and 6, Mental Science 4, and Social and Political Science 8.

1. Social Survey.—

Growth of the social conscience; the field of social service; taking the initiative as a social citizen; a study of pathological conditions and processes in modern society; methods of family case work. Text-book, lectures, readings, inspection trips, field work, and survey assignments—the United Charities of St. Paul cooperating.

One year, two hours a week class work and three hours a week or more field work, six or eight credits.

2. Settlements.—

History, philosophy, development and spiritual significance of the settlement; neighborhood settlement activities; volunteers and their relation to settlement service; the settlement and its relation to other community organizations; settlements as an Americanizing force. Lectures, readings, participation in settlement work, friendly visiting, survey assignments—the Minneapolis Federation of Settlements cooperating.

First semester, two hours a week class work and three hours a week or more field work, three or four credits.

3. Child Welfare.—

The obligations of society to the child; history of child-saving movements in the United States; home life of the child, education, recreation, illegitimacy, the establishing of paternity, adoption; child labor, delinquency, mortality; courts, institutions, societies and other public agencies for the child—the Children's Bureau of the State Board of Control cooperating.

Second semester, five hours a week class work and field work, three or four credits.

4. **Immigration—**

History of world migrations; a survey of immigration to the United States; its sources, causes and social and economic effects; control and distribution; contribution of the immigrant to our composite life.

Prerequisite, Social and Political Science 8. First semester, two hours a week, two credits.

5 **Americanization—**

A study of race characteristics, relationships, adaptability, assimilability; the view-point of the alien, special lectures by race leaders; practical methods of interpreting American ideals and institutions to the immigrant; laboratory work among foreign peoples in the community.

Prerequisite, course 4. Second semester, two hours a week, two or three credits.

Lecturers before the Classes in Social Service 1921-1922

Mr. E. G. Steger, Gen. Sec. United Charities	St. Paul
Miss Sarah A. Howell, Director Case Work	St. Paul
Mr. William W. Hodson, Director Children's Bureau	St. Paul
Dr. Charles R. Ball, Neurologist	St. Paul
Miss E. McGregor, Supt. Children's Hospital	St. Paul
Dr. J. T. Fulton, Supt. Training School for Boys	Red Wing
Mr. C. E. Vasaly, Supt. State Reformatory	St. Cloud
Mr. Robbins Gilman, Supt. N. E. Neighborhood House	Minneapolis
Mrs. Catheryne C. Gilman, Executive Secretary Women's Cooperative Alliance	Minneapolis
Miss Margaret E. Chapman, Wells' Memorial House	Minneapolis
Miss Minnie F. Patterson, Wells' Memorial House	Minneapolis
Mrs. Anna Quale, Wells' Memorial House	Minneapolis
Mrs. Mabel Alt, Margaret Darry House	Minneapolis
Miss Belle Mead, Pillsbury House	Minneapolis
Rabbi Heller, Talmud Torah House	Minneapolis
Mrs. Kurtz, Talmud Torah House	Minneapolis
Miss Imogene Poole, Unity House	Minneapolis
Rev. B. F. Baldwin, Washington St. House	Minneapolis
Dr. Alfred E. Koenig, Director of Americanization	Minneapolis
Mr. Conrad J. Hanson, Director of Americanization	St. Paul
Miss Constance Currie, East Side House	St. Paul

Spanish

ASSOCIATE PROFESSOR CHALFANT

1. **Elementary Spanish.—**
Grammar, composition, conversation, reading.

One year, four hours a week, eight credits.

2. **Intermediate Spanish.—**
Composition and conversation, together with readings largely from Latin American literature, and reports from Spanish periodicals.

One year, three hours a week, six credits.

3. **The Modern Spanish Novel.—**
Reproductions and reports.

One year, three hours a week, six credits. Not offered in 1922-1923.

4. **Introduction to the Study of the Modern Spanish Drama.—**
The authors to be especially studied—Galdos, the Quinteros, Benavente.

One year, three hours a week, six credits. Given in place of course 3 in 1922-1923.

5. **Advanced Composition.—**
This course consists of letter-writing, free reproductions and original compositions. As a part of the work there will be given a complete review of Spanish Grammar.

Prerequisite, courses 1 and 2. One year, two hours a week, four credits.

Vocation

PRESIDENT BESS AND MISS ISKER

The aim of this department is to acquaint students with the elemental laws and data of vocation, modern efficiency and personal, vocational and psychological development, and to teach them how to find themselves.

1. **Vocational Fundamentals.**—The following divisions of the subject will be included in this course: (a) a survey of the

general field of vocational and life development; (b) lectures and experiments in methods of study to establish the habits of work for vocation and life; (c) lectures and surveys about college life as applied to the laws of occupation and career; (d) study of vocational and life charts; (e) expository themes to study and record student traits.

First semester. Required of freshmen, two hours a week, two credits.

2. **Vocational Development.**—The following divisions of the subject will be included in this course: (a) the history of vocational guidance; (b) requirements and characteristics of various vocations; (c) lectures on the knowledge of human nature, and practical experiments in management; (d) occupational research with experimental psychology applied to vocation and personal efficiency; (e) success principles, biography and literature, reference readings; (f) modern, personal, professional, industrial, business and institutional efficiency; (g) psychological tests conducted in the department of psychology, the data to be used with students in this course; (h) estimate and gradings of general traits of students in this course by professors in all departments of the college used as partial data for guidance; (i) personal conferences for the study of each student, and experiments to develop traits for vocational and personal fitness.

Prerequisite, twenty-four credits. First semester, three hours a week, three credits.

Physical Education
(Women)

MISS WINIFRED BAILEY

1. **Personal Hygiene.—**

Short talks on the functions of the skin, the physiologic effects of water, hot and cold; bathing; care of the face; care of the hair, the hands, the feet; care of the mouth and teeth and their relation to good digestion; overeating and intestinal indigestion; fresh air; ventilation of bedrooms; care of the ears, throat and nose; deep breathing; the foot and the shoe; dress.

Physical Training.—

1. Corrective exercises: walking, standing and sitting. Elementary work in stall bars, parallel bars, ladder and horse.
2. Folk Dancing.

Required of freshmen, one year, two hours a week, one credit.

Macalester College
Conservatory of Music

N. W. Phone Midway 2656
Wallace Hall, Summit and Macalester Avenues

HARRY PHILLIPS
Director

JESSIE M. YOUNG
Secretary

EVELYN THORPE
Assistant Secretary

Faculty

HARRY PHILLIPS, Mus. M., Director*
Voice Culture.

GEORGE HERBERT FAIRCLOUGH,* Mus. M.
Piano, Organ, Theory.

GEORGE KLASS*
Violin.

HELEN E. BRIGGS,*
Piano, Normal, History of Fine Arts.
Senior Progressive Theory.

ANNA D. McCLOUD*
Voice.

EMILY GRACE KAY,*
Piano, Public School, Harmony, History, Appreciation.

JESSIE MAY YOUNG,†
Piano.
Junior Progressive Theory

ESTHER PINE,†
Violin.

MYRTLE WEED,†
Piano.

MARGARET MOUNT,†
Piano

CLAIRE THORALDSON,†
Assistant in Piano.

HELEN HARRIS,†
Assistant in Violin

MRS. MAXMILLIAN DIX,†
Violin and Cello.

EMMA GREENE,†
Guitar, Banjo, Mandolin, Ukulele.

Leading instructors for all other instruments
*American and European education.
†American education.

Course of Study

The Conservatory of Music offers a thoro course of instruction in voice, piano, organ, violin and other stringed instruments; also a theoretical course including harmony, counterpoint, composition, musical history and analysis. In each branch of musical study a systematic course, leading to graduation, will be pursued. Time required for completion varies—the length of course depending on the pupil's ability and intelligent devotion to work.

Entrance.—Pupils who expect to graduate must enter at the beginning of the school year. Those not wishing to graduate may enter at any time in the year.

Upon entrance pupils are examined, classified and placed in their fitting grade, by the director.

Teacher's Certificate.—Teachers' certificates will be given to all pupils who have taken the Normal course and completed the junior year in full to the satisfaction of their individual teachers.

Diploma from the Conservatory of Music.—A student, to receive a diploma, must have completed the work of the senior year in full, written a graduating thesis, given a whole or such part of a program as the director may decide upon, and taken part in the graduating program of the Conservatory of Music.

Diploma with the Degree of Bachelor of Music.—Candidates for the degree of Bachelor of Music are required to take at least fifty semester hours of strictly college work (including history of art and physical training) and at least seventy hours of music. All college entrance requirements must be met and the credits for them presented to the Registrar of the College. Exceptions to the general graduation requirements, in the case of candidates for this degree, are a requirement of eight credits in religious education and of at least two years of a modern language in college. Such as have no modern foreign language upon entering must take three years of such language in college. Students electing Voice are strongly urged to take two years each of French and German.

The following college subjects are required for this degree: English, six credits; Religious Education, eight credits; Modern Foreign Language, fourteen credits (if deficient at entrance, three years); History of Art, four credits; Physics 6, two credits. In addition to the above required credits, electives sufficient to make a total of fifty credits.

Music subjects are required as follows: Harmony, Counterpoint, Composition and Orchestration, sixteen credits; History of Music, eight credits; Appreciation, four credits. In addition to the above there are required a major of twenty credits, and a minor of twelve credits. Electives may be chosen from Voice, Organ, Piano, Violin, Public School Music, to complete the requisite number of credits.

In order to make such a course profitable it is naturally required that the student give evidence at entrance of a sufficient preparation in some branch of music.

Special courses are offered those living in the city who do not wish to take the regular course.

Standardization of Music Teaching.—Macalester Conservatory, after thoro investigation, has adopted the Godowsky Progressive Series of Music Lessons, now being used by over 10,000 educational institutions, conservatories and music teachers of America, as the standard for music credits. A number of states have placed music study, when carried on systematically, on an equal basis with the study of all other branches of learning and allow it full credit.

In 1916, the Cornell University Official Announcement stated: "Standardization of music teaching and of credits for the study of music are subjects receiving attention by the educational authorities thruout the country. It will soon be the rule, rather than the exception, to give credits toward graduation for the study of music. The Progressive Series of Piano Lessons makes possible the standardization of music teaching and solves most of the difficulties which have hitherto prevented the adoption of a system of credits for study of music."

In its editorial staff and list of contributors are assembled twenty eminent musicians and educational authorities, the greatest aggregate of musical and pedagogical intellect and talent ever gathered in a combined effort to further the cause of musical education.

The editor-in-chief is Leopold Godowsky, the renowned artist and composer, now at the very height of his powers. His improved methods of study are fully set forth in the Progressive Series. The principles of the other world "methods" are also shown. The associate editors are Edgar Stillman Kelley, one of America's foremost composers, Josef Hofmann and Emil Sauer, the famous pianists.

Godowsky himself says, "We have striven to make it an educational work in the form of a progressive and complete series, that, from both an artistic and pedagogical standpoint, would be superior to anything ever offered to the public."

Graduates will receive not only the diploma of the Conservatory, but also the certificate of the course. We wish to impress upon the parents and pupils that the use of this series will in no way interfere with either the individuality of the pupil or the particular views of any individual teacher.

Mr. Fairclough, Miss Briggs, Miss Weed, Miss Young and Miss Mount will instruct in the Progressive Series, a valuable addition to our regular work, which has been so generously approved by the music-loving public of the Twin Cities.

Voice

In the department of vocal music those methods which experience justifies as being at once effective and artistic in their results have been adopted. It is the policy to secure a systematic and thoro culture on the basis of the best methods.

Intermediate Year.—Vocalises by Sieber, Concone, and the study of songs, ballads by Larsen, Grieg, Buck, Gounod and others, make the first year's work complete.

Junior Year.—Studies in phrasing and rapid execution, German songs by Mozart, Schubert, Schumann, Liszt, Franz, Beethoven, etc., also some of the lighter selections from the operas.

Senior Year.—Oratorio in all forms, Bach, Haydn, Handel, Mendelssohn, Gounod, Verdi. Selections from the heavier operas and songs of the modern school. Frank, Wolf, Homer, Tours, Massenet, Dvorak, Ronald, Nevin, Ganz.

Every student graduating in vocal music must have at least one year of French.

Graduate Course.—Aims to develop the artistic sense to a still greater degree, according to art traditions.

Pianoforte

Individual instruction is given and the regular course calls for one hour's instruction a week, divided into two lessons of thirty minutes each. Where but one lesson a week is taken the lesson will be forty-five minutes in length.

Preparatory.—Thoro grounding in hand, finger and arm training. Rudiments of music. Easier studies to suit capabilities of each pupil. Pupils are thoroly prepared for the entrance into the three years' course.

Intermediate.—Czerny, Velocity Studies; Bertini, Loeschorn, Heller, etc.; Bach—Little Preludes and Fugues; Sonatinas and Easy Sonatas.

Junior Year.—Czerny, Op. 740; Cramer-Bulow, Fifty Selected Studies; Heller, MacDowell, etc.; Bach, Two- or Three-Part Inventions, French Suites; Sonatas of Mozart, Haydn and Beethoven.

Senior Year.—Clementi, Tausig, Gradus ad Parnassum, Czerny, Op. 740, Chopin Etudes, Kullak Octave School, Bach's Forty-eight Preludes and Fugues; Sonatas and Concertos of Beethoven and other masters. Repertoire from classical and modern composers.

In each grade suitable pieces will be given as the pupil is ready for them.

Postgraduate.—Advanced work. Continuation of previous year. Concertos (with second piano or orchestra accompaniments).

Violin

The violin department has become a leading feature in the musical life of all conservatories. Year by year the number of violin students is increasing. To keep pace with the demands of the time this department of our school has been developed until today it presents exceptional advantages for the study of what is called "the most perfect musical instrument known."

The violin course is not expected to be followed strictly, nor does it claim to be complete. In the private lessons each pupil can be favored with studies which suit his or her special requirements. With the technical course a selection of compositions from the whole range of violin literature up to the present time will be used. These will be chosen from the representative composers of the different periods and schools, with the intention of giving the pupils a knowledge of the individual interpretation of each kind.

Scales, bow and finger exercises will be used as needed to meet the requirements of the various pupils.

Pipe Organ

Before beginning the study of the pipe organ the student should have had at least one year's instruction on the piano and should have a thoro knowledge of the rudiments of music.

Public School Music

This is a two-year course. Entrance to the course requires that the student have a diploma from an accredited high school. Upon satisfactory completion of this course a State certificate will be issued in addition to the Conservatory certificate. Under certain conditions this course may form a portion of the work for the regular diploma of the Conservatory of Music.

First Year.—The following subjects are required: Sight-singing, Ear Training, Voice Culture, History of Education, Psychology, Harmony 1, a modern language or its equivalent, Piano, unless able to play third grade music, in which case candidate may be excused from further study of that instrument. It is very desirable that a student be able to teach some high school subject or drawing in connection with Public School Music.

Second Year.—The following subjects are required:

Sight-singing, Ear Training, Harmony 2, History of Music, Appreciation of Music, Piano, unless able to play third grade music, a modern language or its equivalent.

Practice teaching is required.

The study of voice will be required of pupils in public school music to meet this demand.

Sight Reading

All pupils of vocal music must have at least one year of sight reading before receiving either a teacher's certificate or diploma. The cost of these lessons will be nominal. It is impossible to sing correctly and effectively at all times without an exact and practical knowledge of music and its notations.

Normal Training

The demand of the times is for musicians equipped not only technically, but also in the art of imparting instruction. Most students, in starting to teach, possess but the points given them by their instructors, in regard to their individual work. As these may not apply to the general needs of their pupils a course in the art of teaching is almost indispensable.

Normal Piano Training Course for Prospective Teachers.—One year course with Certificate for advanced and senior students of piano.

Post-graduate Certificate Course for young teachers.

(For College Credits see College Catalog.)

Text-book work, practice teaching.

Lectures.—Technical Theories, Various Types of Pupils, Elementary Foundation Work, Development of Original Musical Ideas, Tonality, Methods, Material for Teaching, Interpretation, Memorizing, Educative Principles, etc., etc.

Ear training, analyzing and psychology are a part of this course. (College students will take the regular college course in psychology; music students, a special course at the conservatory.)

Normal Courses in Voice and Violin may also be taken.

Ensemble

The study of chamber music is a very important one to the advanced student of any instrument. The impetus to more thoro practice, mental activity, development of rhythm and color, and an insight into this particularly rich field of musical text, is of untold value. Both classic and modern music is studied. Students who come mainly for the study of piano, violin or any other instrument should, if possible, arrange for some work in this line.

Harmony

The "Upton" system of key-board harmony will be used. Harmony study is too apt to be purely theoretical and therefore of comparatively slight value to the average student. Believing that a course has been found that will be first, last and always of practical value to the performer, since all the work is done at the instrument, we are offering this advantage to our students. Results obtained in other institutions substantiate all the claims made for the system. The student uses with fluency all the triads and seventh chords, modulates to all keys with ease, is familiar with altered chords, and suspensions, in short with all the subjects covered in any harmony course. He is enabled to transpose music as easily as he plays it in the original key. As memorizing is a great feature of the course it becomes an easy and natural process. Very young children are enabled by this course to produce compositions of real merit.

Theory

The importance of exhaustive and thoro work in the various theoretical studies cannot be too strongly emphasized. A rudimentary or fundamental course should precede ear training, sight singing, harmony, analysis, counterpoint (simple and double), canon and fugue (the supreme contrapuntal forms), orchestration and composition.

Progressive Series Theory, of junior and senior grades, is required for graduation from the conservatory.

Appreciation of Music

First Year.—This is a study of the form and meaning of music and follows closely the text used, "Appreciation of Music" and Supplement, by Surette and Mason. A preliminary study of the instruments of the orchestra is given, preparatory to the concerts of the Minneapolis Symphony Orchestra, which our students are encouraged to attend. Required for graduation from Conservatory of Music.

Second Year.—This is a continuation of Appreciation of Music 1, and is a thoro study of Romantic and Modern forms since the time of Beethoven. The study is based on "Appreciation of Music," volume 2, by Surette and Mason, and "What We Hear in Music" by Faulkner. Talking machine records are freely used. Required for graduation from the Conservatory of Music.

History of Music

First Year.—Study of beginnings of music thru the Classical Period, including the history and development of instruments. The text-book used is "Essentials in Music History," Tapper and Goetschius. The college library has a good collection of reference works on music and our students have access to the fine collections in the public libraries of St. Paul and Minneapolis. A trip is made annually to the Raudenbush piano factory in St. Paul to see the process of making a piano. Required for graduation from Conservatory of Music.

Second Year.—This is a continuation of History 1, studying the development of music from the Romantic Period to our own day. By means of the talking machine records many operas, oratorios, symphonies, songs and piano compositions are studied. Required for graduation from Conservatory of Music.

History of Fine Arts

The study of the allied arts is of great cultural advantage to the musician in the development of artistic tastes. Instruction in the way of illustrated lectures is given by Miss Briggs. See History 12.

Student Recitals

These opportunities for public performance are helpful in overcoming natural diffidence and nervousness, and in giving that confidence and poise so necessary to the successful player and singer.

Pupils also gain an ever-increasing knowledge of musical text, aside from that with which they come in contact in their own study. The instructors allow only such students as have reached a certain degree of proficiency to appear in recital.

Euterpean Society.—A conservatory organization which brings the pupils together for social and musical recreation. Its object is to create good fellowship and musical development. The programs are varied and interesting. Students receive admission into this society by invitation. The dues are fifty cents a semester.

Terms for Instruction

Per Semester

Tuition prices vary with the grade and the teacher.

Voice	$144.00 to $31.50
Piano	72.00 to 22.00
Pipe Organ	72.00 to 45.00
Violin	72.00 to 20.00
Ensemble	25.00
Harmony	20.00
History of Music	6.00
Appreciation of Music	5.00
Public School Music	40.00
Normal Piano Training	40.00
Progressive Series	10.00

Piano Practice, per hour	$6.00	Organ Practice, per hour	12.00
Incidental Fee	1.00	Cost of Graduation	10.00

College fees for conservatory students taking college work are paid at the beginning of each semester before completion of registration and strictly in advance, as follows:—

Tuition (five to eight hours per week) $45.00

There is no fee for harmony, history or appreciation to students taking college subjects.

Discount will be allowed on tuition bills for two or more studies paid a year in advance.

Honorary Degrees

Conferred by Macalester College

1901: D. D. to Rev. Charles Thayer, Ph. D.....Deceased
D. D. to Rev. George W. Davis, Ph. D...St. Paul, Minn.
1902: D. D. to Rev. H. F. Stilwell.....St. Paul, Minn.
D. D. to Rev. J. Le Moyne Danner.....Indianapolis, Ind.
LL. D. to Hon. Thomas Wilson.....Deceased
1903: D. D. to Rev. Joseph Cochran, Macalester, '89.....
.....Detroit, Mich.
1904: D. D. to Rev. Stanley B. Roberts.....Minneapolis, Minn.
M. A. to Myron A. Clark, '90.....Deceased
1905: D. D. to Rev. Charles F. Hubbard.....Auburn, N. Y.
1906: D. D. to Rev. Donald D. McKay.....Tacoma, Wash.
1907: D. D. to Rev. Archibald Cardle, Macalester, '94.....
.....Burlington, Iowa
1910: D. D. to Rev. Charles T. Burnley.....Deceased
D. D. to Rev. Alfred E. Driscoll.....Ashland, Wis.
D. D. to Rev. William Porter Lee, Macalester, '89.....
.....Germantown, Pa.
D. D. to Rev. Harry Clinton Schuler, Macalester, '95....
.....Resht, Persia
D. D. to Rev. John Hansen Sellie, Macalester, '95.....
.....Le Sueur, Minn.
1911: D. D. to Rev. Charles Allen Clark, Macalester, '99.....
.....Seoul, Korea
LL. D. to Rev. Albert Brainerd Marshall, D. D., Omaha, Neb.
LL. D. to Rev. George Livingstone Robinson, Ph. D., D. D.
.....Chicago, Ill.
1914: D. D. to Rev. George Ewing Davies..Salt Lake City, Utah
D. D. to Rev. Joseph Carle Robinson, White Bear Lake, Minn.
LL. D. to Hon. James Jerome Hill.....Deceased
1915: Litt. D. to Rev. John Wright.....Deceased
D. D. to Rev. William C. Laube '01.....Dubuque, Ia.
1916: Mus. M. to Harry Phillips.....Minneapolis, Minn.
Mus. M. to George H. Fairclough.....St. Paul, Minn.
1918: D. D. to Rev. Asa John Ferry.....Philadelphia, Pa.
D. D. to Rev. James B. Lyle.....Albert Lea, Minn.
D. D. to Rev. T. Ross Paden.....Mankato, Minn.
D. D. to Rev. Benjamin Bunn Royer.....Franklin, Pa.
1919: LL. D. to Rev. Dwight Witherspoon Wylie, Philadelphia, Pa.
1920: D. D. to Rev. Paul Doeltz.....Philippines
D. D. to Rev. Thomas W. Graham.....Oberlin, Ohio
1921: D. D. to Rev. Peter Erickson.....Minot, N. D.
D. D. to Rev. Thomas M. Findley.....Spicer, Minn.

Alumni

Alumni Association

It will be esteemed a favor if each alumnus who changes his residence will notify the President of his new address. Information from any source that will assist in keeping this roll complete will be appreciated.

The Alumni Association of Macalester College has two purposes in view: to bind into a unit the graduate body and help to preserve and increase the value of the friendships formed in college, and to further the interests of the Alma Mater and make her more widely known. Communications to the Alumni Association should be sent to the college.

Officers

W. P. Kirkwood.....President
Gertrude Smith.....Vice-President
E. W. Johnson.....Secretary
Isabelle Elmer.....Treasurer

Roll of Alumni

Class of 1889

George Washington Achard.....Business, Minneapolis, Minn.
Joseph Wilson Cochran.....Minister, Detroit, Mich.
Ulysses Grant Evans.....Minister, Atalissa, Iowa
James Chase Hambleton.....Teacher, Columbus, Ohio
Benjamin Wallace Irvin.....Deceased
Samuel M. Kirkwood.....Surgeon, Absarokee, Mont.
William Porter Lee.....Minister, Germantown, Pa.
Paul Erskine McCurdy.....Business, Philadelphia, Pa.
Louis Ferdinand Slagle.....Deceased
Charles Albert Winter.....Deceased

Class of 1890

Myron A. Clark.....Deceased
Thaddeus T. Cresswell.....Minister, Eagle Rock, Cal.
John Knox Hall.....Missionary, Denver, Colo.
William Henry Humphrey.....Deceased
William Paul Kirkwood.....Professor, U. of M., St. Paul, Minn.
Amos Avery Randall.....Deceased
Judson L. Underwood.....Fairfield, Iowa

Class of 1891

Frank Brown ..... Principal, Chicago, Ill.
Walter F. Finch ..... Minister, So. St. Paul, Minn.
Walfred Sunberg ..... Deceased
William B. Turner ..... Business, Boston, Mass.
Thomas C. Williamson ..... Business, Winnebago, Minn.

Class of 1893

James Carlisle Simonton ..... Business, Minneapolis, Minn.
Joseph Zoll ..... Address unknown

Class of 1894

Francis W. Beidler ..... Minister, Mosco, Colo.
Archibald Cardle ..... Minister, Burlington, Iowa
Paul A. Ewert ..... Attorney, Joplin, Mo.
George E. Johnson ..... Business, Sayre, Okla.
Samuel M. Marsh ..... Minister, Brown's Valley, Minn.
William H. Sinclair ..... Minister, Oxford, Iowa

Class of 1895

Frank E. Balcome ..... Physician, St. Paul, Minn.
John W. Christianson ..... Minister, Watertown, S. D.
Thomas Fitz-Morris Clark ..... Deceased
Charles D. Darling ..... Minister, Fort Collins, Colo.
Edwin Howard Gordon ..... Deceased
Harry Clinton Schuler ..... Missionary, Resht, Persia
John Hansen Sellie ..... Minister, Le Sueur, Minn.
Arthur Whitney Vance ..... Deceased

Class of 1896

Alexander Edward Cance ..... Prof., Mass. Agr. College, Amherst, Mass.
Moses M. Maxwell ..... Deceased
Samuel F. Sharp ..... Deceased

Class of 1897

Albert Ernest Evans ..... Minister, Hunters, Wash.
Charles W. Hansen ..... Deceased
Ernest Charles Henke ..... Minister, Baraboo, Wis.
George Leck ..... Deceased
John McLearie ..... Professor, State School of Mines, Rapid City, S. D.
Winifred Moore-Mace ..... Walton, N. Y.
Arthur A. Palmer ..... Minister, Garfield, Wash.
Charles Petran ..... Missionary, Mexico City, Mexico
Louis B. Sherwin ..... Minister, West Bend, Iowa
William K. Sherwin ..... Minister, Barnum, Minn.
Arthur G. Welbon ..... Missionary, Taiku, Korea

Class of 1898

Clarence Dwight Baker ..... Deceased
Charles Warren Dade ..... Business, Minneapolis, Minn.
Anna Moore Dickson ..... Teacher, St. Paul, Minn.

Caspar Gregory Dickson.....Clerk, Library of Congress, Washington
Nellie M. Flanders-Sherwin.....Barnum, Minn.
John M. Guise.....Principal, St. Paul, Minn.
Carlton Leslie Koons.....Minister, Ashland, Wis.
Robert C. Mitchell.....Minister, St. Paul, Minn.
William James Mitchell.....Minister, Hamburg, Iowa
David Walter Morgan.....Minister, Nioto, Ill.

Class of 1899

Hugh S. Alexander.....Professor, Macalester College, St. Paul, Minn.
Walter Baker Augur.....Minister, St. Paul, Minn.
Charles Allen Clark.....Missionary, Seoul, Korea
Ralph Elmo Clark.....Teacher, Moose Jaw, Sask., Can.
Paul Doeltz.....Missionary, Iloilo, Philippine Islands
George C. Edson.....Minister, Hasbrouck Heights, N. J.
Thomas George Jamieson.....Business, Calgary, Can.
Almira F. Lewis.....Denver, Colo.
Robert Morris Lutz.....Business, San Rafael, Cal.
James Murray.....Minister, Entiat, Wash.
Samuel Merton Pinney.....Superintendent, Mound, Minn.
Jacob Elmer Smits.....Deceased
George Stanley.....Minister, St. Paul, Minn.
Murray Alberton Travis.....Y. M. C. A., Homer, La.

Class of 1900

John Calvin Abels.....Business, St. Paul, Minn.
Miles Strong Grimes.....Minister, Lyons Falls, N. Y.
Ralph Emerson Herron.....Business, Lordsburg, N. M.
John Robert Landsborough.....Minister, Nampa, Idaho
Ernest A. Oldenburg.....Minister, Burrows, Ind.
Mathilde Pederson-Romunstaad.....Deceased
Irving David Roach.....Business, Azusa, Cal.
William James Sharp.....Minister, Centralia, Wash.
Roy Walker Smits.....Deceased
David A. Thompson.....Minister, Portland, Ore.

Class of 1901

William Beckering.....Deceased
Louis Benes.....Minister, Armour, S. D.
Henry Roy Bitzing.....Lawyer, Mandan, N. D.
Percy Porter Brush.....Lawyer, Tacoma, Wash.
Charles Morrow Farney.....Business, St. Paul, Minn.
Henry D. Funk.....Professor, Macalester College, St. Paul, Minn.
Nathaniel E. Hoy.....Meadow, S. D.
Lewis Hughes.....Teacher, Ottawa, Minn.
Richard U. Jones.....Professor, Macalester College, St. Paul, Minn.
William C. Laube.....Professor, Presb. Sem., Dubuque, Iowa
Millicent V. Mahlum-Kelts.....Columbus, Mont.
William H. Travis.....Collegeport, Texas
Lily Bell Watson.....Macomb, Ill.

Class of 1902

Frederick Brown.....Deceased
Robert L. Davidson.....Teacher, Kent, Wash.
Sarah A. Haines-Korsen.....Seattle, Wash.
Grace Iddings-Fletcher.....Grand Forks, N. D.
Leonard L. Mann.....Minister, Ipswich, S. D.
Francis H. Newton.....Minister, Everett, Wash.
Winifred R. Pringle-Weber.....Coeur d'Alene, Idaho
Edgar E. Sharp.....Lawyer, Moorhead, Minn.
Benjamin Bruce Wallace.....Government Service, Washington, D. C.
Helen Margaret Wallace-Davies..... Patoka. Ind,

Class of 1903

John Morton Davies.....Minister, Patoka, Ind.
Bessie Shepherd Doig-Jacobson.....Cedar Rapids, Iowa
Julia Anita Elmer.....Teacher, St. Paul, Minn.
Peter Erickson.....Minister, Minot, N. D.
Ebenezer Thomas Ferry.....Minister, Greybull, Wyoming
Emma Inez Godward-Davies.....Fairbury, Neb.
Robert McMaster Hood.....Minister, Kendrick, Idaho
Peter Westin Jacobson.....Minister, Cedar Rapids, Iowa
Raymond Lewis Kilpatrick.....Engineer, Foremost, Alberta, Canada
Donald Norman MacRae.....Minister, Mitchell, Ont.
Henry Morgan.....Teacher, St. Paul, Minn.
Joseph E. Rankin.....Minister, Pipestone, Minn.
Mary J. Rankin.....Missionary Teacher, Sneedville, Tenn.
Max M. Wiles.....Minister, Virginia, Ill.
William H. Weber.....Business, Coeur d'Alene, Idaho

Class of 1904

Grace Ivanore Chapin-Sharp.....Moorhead, Minn.
Peter Arthur Davies.....Minister, Fairbury, Neb.
Thomas Hunter Dickson.....Physician, St. Paul, Minn.
Margaret Evans-Detweiler.....Santurce, Porto Rico
William Horatio Kendall.....Minister, Farmington, Ill.
Alfred Edward Koenig.....Professor, U. of Wis., Madison, Wis.
William Oliver Rothney.....Inspector of Schools, Quebec, Can.
Henry John Voskuil.....Missionary, Amoy, China
Tolbert Watson.....Physician, Albany, Minn.
Mabel Wicker.....Teacher, St. Paul, Minn.

Class of 1905

John Thomas Anderson.....Minister, Ishpeming, Mich.
Earl Kenneth Bitzing.....Editor, Fargo, N. D.
Eugene Erwin Bromley.....Minister, Bayview, Alaska
Isabelle Allison Elmer.....St. Paul, Minn.
Asa John Ferry.....Minister, Chicago, Ill.
Thomas Edwin Flinn.....Physician, Redwood Falls, Minn.
Ledru Otway Geib.....Physician, Detroit, Mich.
Mary Carnahan Guy-Shellman.....Austin, Minn.
Marie Grace Jamieson-Smith..... ..Lewisville, Ind.

Daniel Griffin Le Fever ..... Business, Minneapolis, Minn.
James Albert Slack ..... Minister, Winkelman, Arizona
Robert Owens Thomas ..... Chicago, Ill.
Jane Turnbull ..... Teacher, Eveleth, Minn.

Class of 1906

Levi H. Beeler ..... President State Normal, Minot, N. D.
James Ekin Detweiler ..... Missionary, Fukui, Japan
James Hamilton ..... Minister, Omaha, Neb.
Roscoe Cliver Higbee ..... Principal, St. Paul, Minn.
Alexander Hood ..... Missionary, Wellpinit, Wash.
Albert Kuhn ..... Minister, Omaha, Neb.
Paul H. Th. Rusterholz ..... Teacher, St. Paul, Minn.
Ruth Estelle Swasey-Rusterholz ..... St. Paul, Minn.
Gordon Graham Thompson ..... Physician, Seattle, Wash.
Frank Harvey Throop ..... Missionary, Soo Chow, China
Margaret Turnbull ..... Teacher, St. Paul, Minn.

Class of 1907

William Harvey Amos ..... Minister, Portland, Ore.
James Albert Caldwell ..... Principal, Tower City, N. D.
Robert W. Davies ..... Business, Minneapolis, Minn.
Josephine Elmer-Ballou ..... Racine, Minn.
Marshall Gregory Findley ..... Spicer, Minn.
Richard David Hughes ..... Minister, Chicago, Ill.
Martha Antoinette Jacobson-Maitrejean ..... St. Paul, Minn.
Henrietta Cecelia Lundstrom ..... Teacher, Northfield, Minn.
Rose Amelia Metzger-Nutt ..... Sidney, Mont.
David McMartin ..... Minister, Cheyenne, Wyo.
Rhoda Catherine MacKenzie ..... Victoria, B. C.
Richard Samuel Nutt ..... Banker, Sidney, Mont.
Ole Johnson Oie ..... President Theo. School, Christiania, Norway
William Fred Pottsmith ..... Portland, Ore.
Mary Pauline Payne-Healy ..... Mapleton, Minn.
Minerva Schlichting ..... Deceased
Ruth Adelia Sherrill ..... Teacher, Bothell, Wash.
Mary Helen Smith-Jones ..... St. Paul, Minn.
George Hill Smith ..... Business, Excelsior, Minn.

Class of 1908

George Kemp Aiken ..... Editor, Ontario, Ore.
Hanna Sophia Berg ..... Graduate Student, U. of Minn.
Ralph Brinks ..... Independence, Kans.
Richard Stanley Brown ..... Minister, Sault Ste. Marie, Mich.
Edith Frederica Cale ..... Deceased
Clifford Clement Cornwell ..... Minister, Buffalo, N. Y.
Evan Milton Evans ..... Lawyer, Middle River, Minn.
Rosella Evans-Griffith ..... Ottawa, Minn.
James Todd Guy ..... Lawyer, Milwaukee, Wis.

Mary Elizabeth Guy-Wallace.....Le Mars, Iowa
Walter Mell Hobart.....Business, Minneapolis, Minn.
Lucy Ma Belle Hyslop-Flinn.....Redwood Falls, Minn.
Nina Foy Johnson-Wallace.....St. Paul, Minn.
Margaret Edith Lakey-McDonald.....Souris, N. D.
Peter McEwen.....Minister, Indianapolis, Ind.
Luke Edward Marvin.....Business, Duluth, Minn.
Martha Bessy Olson-Bromley.....Bayview, Alaska
Stanley Hall Roberts.....Minister, Minneapolis, Minn.
Lydia Anna Schroedel-Hobart.....Minneapolis, Minn.
Clarence Mason Stearns.....Business, St. Paul, Minn.
Robert Sinclair Wallace.....Business, St. Paul, Minn.

Class of 1909

Emma Bertelle Barker-Marvin.....Duluth, Minn.
Lucas H. Brinks.....Business, Independence, Kans.
Albert Daniel Davies.....Business, Minneapolis, Minn.
David Roy Jones.....Deceased
Lulu Lane Piper-Aiken.....Ontario, Ore.

Class of 1910

George Samuel Barclay Acheson General Board of Education, New York City
William Jefferson Bell.....Minister, Mountain Iron, Minn.
Joseph Vaclav Beran.....Business, Hibbing, Minn.
Charles Taylor Burnley.....South St. Paul, Minn.
Edward John Carson.....Minister Raton, N. M.
John Andrew Evert.....Physician St. Paul, Minn.
June Rose Evert-Lanterman.....Mandan, N. D.
Albert Howard Gammons.....Minister, Medford, Ore.
Jesse Willis Hamblin.....Minister, Santa Fe, N. M.
Stanley Hurlbut Hodgman.....Business, Spokane, Wash.
William Andrew Horne.....Minister, Rolla, B. C., Can.
Helen Mary Hunt-Bell.....Mountain Iron, Minn.
Edward Henry Joesting.....St. Paul, Minn.
John Archibald McEwen.....Minister, Homer, Ill.
Sarah Grace McMartin-Carson.....Superior, Wis.
Pearl Alma Nash-Evert.....St. Paul, Minn.
Mildred Gretchen Phillips-Kindy.....St. Paul, Minn.
Minnie Mae Pierson-Evans.....Middle River, Minn.
Mary Elsie Raymond-Muhr.....Elmira, Ore.
Gladys Isabelle Roberts.....Minneapolis, Minn.
Jeannette Paulina Sawyer-Guild.....St. Paul, Minn.
Frederick Samuel Shimian.....Minister, Petaluma, Cal.
Elmer Stuart Smith.....Lawyer, Centralia, Wash.
Elizabeth Libby Staples-Brown.....St. Paul, Minn.
Vernon Elliott Stenerson.....Minot, N. D.
Anna Elizabeth Taylor.....Chicago, Ill.
Norman Kendall Tully.....Minister, Portland, Ore.
Ruth Minerva von Dorn-Gammons.....Medford, Ore.
June Adelia Woodward.....Teacher, Lisbon, N. D.

Class of 1911

William Ernest Baskerville.....Minister, Langlois, Ore.
Charles Bremicker.....Minister, Highland, Wis.
Allan Hill Brown.....Minister, Alma, Mich.
Homer Clyde Cardle.....Business, Hunter, Wash.
Fred F. Carson.....Teacher, Superior, Wis.
Janet Isabella Dodds.....Principal, Cristobal, Canal Zone
Donald Smith Doty.....Attorney, St. Paul, Minn.
Effie Miranda Ellison-Miner.....Coleraine, Minn.
Hulda Olivia Ellison.....La Moure, N. D.
Oscar Melvin Ellison.....Business, La Moure, N. D.
Marjory Lucy Hanson.....Missionary, Andong, Korea
Bayard William Heed.....Business, Wadena, Minn.
Arthur Billings Hunt.....New York City
Ernest WilburtJohnson.....St. Paul, Minn.
Ina Elizabeth Lindsley.....Marshall, Minn.
Anna Mae Little-Johnson.....St. Paul, Minn.
Luella Irene Murphy-Dickinson.....Pierpont, S. D.
William Earls Noyes.....Superintendent, Farmington, Minn.
Adelaide Wadsworth Payne-Keller.....Mapleton, Minn,
Russell Stephen Peterson.....Superintendent, Henderson, Minn.
Leland William Porter.....Minister, Aberdeen, S. D.
Edna Francis White-Becker.....Amboy, Minn.

Class of 1912

Anna Elizabeth Anderson-Carson.....Raton, N. M.
Dorothy Elizabeth Baumgart.....Teacher, St. Paul, Minn.
Clara Berdan.....Teacher, Albert Lea, Minn.
James Brinks.....Business, Independence, Kans.
Orville Clifton Cardle.....Business, Tacoma, Wash.
Bessie Florence Clark-Cardle.....Tacoma, Wash.
Mabel Emma Cosgrove.....Principal, Le Sueur, Minn.
Elva May Davis-Westerlund.....Iowa Falls, Iowa
Louise Lombard Davisson-Tripp.....Minneapolis, Minn.
Jessie Ellen Fisher-Thomas.....Keyport, Wash.
Clarence Oscar Graue.....Coeur d'Alene, Idaho
Lilah Agnes Holden-Batten.....Hudson, Wis.
Florence Hunt-Ragsdale.....Okmulgee, Okla.
Earl Duane Jenckes.....Dispatch, St. Paul, Minn.
Clarence Eugene Johnson.....St. Paul, Minn.
Marion Burdick Jones.....Teacher, Eveleth, Minn.
Ruth Anna McKinlay.....Teacher, Medford, Minn.
Clarice Audrey Miller-Noyes.....Farmington, Minn.
Pearl Margueritte Palmer.....Victorville, Cal.
John Gottfried Schmidt.....Teacher, Omaha, Neb.
William Ellison Scott.....South St. Paul, Minn.
Ella A. Stearns.....Principal, Jasper, Minn.
Edna Alda Stewart.....Teacher, Council Bluffs, Iowa
Cassie Marie Stoddart.....Principal, Forest Lake, Minn.
Oakley Russell Tripp.....Y. M. C. A., Minneapolis, Minn.

Oscar Westerlund.....Minister, Iowa Falls, Iowa
Muriel Faye Wheeler-Cockram.....Ontario, Ore.
Harry Merrium Willmert.....Business, Hinckley, Minn.
Ralph Calvin Wilson.....Lieutenant, U. S. Army

Class of 1913

Enoch Newman Bengtson.....Rush City, Minn.
Ragna Leonora Bye-Klein.....Minneapolis, Minn.
Lenna May Campbell.....Y. W. C. A., Baltimore, Md.
Wilfrid Gladstone Campbell.....Teacher, Superior, Wis.
Paul Ephraim Carlson.....Superintendent, Elmore, Minn.
Mary Genevieve Carver-Stevens.....St. Paul, Minn.
George Oliver Chase.....Superintendent, Drake, N. D.
Leonard Alvin Clark.....Superintendent, Shakopee, Minn.
Mary Bernice Clark-Evert.....Ely, Minn.
Solomon David David.....Captain, U. S. Army
Emma Joy Frederick-Schmidt.....Delano, Minn.
William Henry Wallace Holley.....Surgeon, Kansas City, Mo.
Berenice Antoinette Kellogg-Hamilton.....Pennington, N. J.
Robert Lloyd Lang.....Mapleton, Minn.
Del Leslie Laughlin.....South Milwaukee, Wis.
Grace Eloise McClure-Voss.....Morris, Minn.
Elmer Shepard MacCourt.....Dentist, St. Paul, Minn.
Joseph Robert Neller.....Chemist, Pullman, Wash.
Florence Amelia Otis.....Graduate Student, New York City
Norton Walter Peet.....Deceased
William Conkey Phillips.....Teacher, Eau Claire, Wis.
Edith Beatrice Pierson.....Nurse, Minnewaukan, N. D.
Ruth Lynn Porter.....Teacher, Fort Dodge, Iowa
Adeline Marie Rosebrock.....Teacher, Chisholm, Minn.
Mabel Josephine Scott-Peterson.....Mantorville, Minn.
Ray Simons.....Teacher, Virginia, Minn.
James Merton Snyder.....Superintendent, Fulda, Minn.
Marie Ellen Thomas.....Teacher, Excelsior, Minn.
Katie Lillian White.....Principal, Preston, Minn.
Vera May Zimbeck-Hartley.....Minneapolis, Minn.

Class of 1914

Carrie Ellen Alvord.....Interpreter, Washington, D. C.
Richard Harlow Anderson.....Superintendent, Huntley, Minn.
Wallace Jay Anderson.....Missionary, Korea
Harold Harvey Baldwin.....Minister, Harrisburg, Pa.
Hosea Greenwood Bosley.....Harlem, Mont.
Arthur George Brown.....Teacher, Menomonie, Wis.
Truman Dean Brown.....Superintendent, Pine City, Minn.
Margaret Buckbee-Greig.....Minneapolis, Minn.
Lulu Ellen Carey-Graue.....Coeur d'Alene, Idaho
Howard Edward Clark.....Deceased
Margaret McGregor Doty.....St. Paul, Minn.
Leslie Lisle Druley.....Business, Rice Lake, Wis.
Vera Margery Dunlap-Marvin.....St. Paul, Minn.

Lloyd Gilmore.....Ashland, Mont.
John Leslie Harvey.....Minister, Carson City, Nev.
Burton Patriquine Holt.....Minister, Chicago, Ill.
Alice Louise Lindsley.....Principal, Long Prairie, Minn.
Bessie Elizabeth Lovell.....Teacher, Amboy, Minn.
Edward Everett McCabe.....Deceased
Mable Mohr-Smith.....Wilkinsburg, Pa.
Esther Neller.....Teacher, Nashwauk, Minn.
Evelyn Pickthorn.....LaFayette, Ga.
Helen Maria Prosser-Pike.....Gilbert, Minn.
Harold Percy Roberts.....Teacher, Appleton, Minn.
Gertrude Gray Smith.....Teacher, St. Paul, Minn.
Helen Antonia Stratte.....Librarian, Biwabik, Minn.
Selma Ovidia Stratte-Watkins.....Carlton, Minn.
Florence Adell Switzer-Hamil.....Two Harbors, Minn.
Charles Albert Thomas.....Business, St. Paul, Minn.
Elmer Wilcox Trolander.....Chicago, Ill.
Della Ann Trotter-Brown.....Menomonie, Wis.
Lucius Harlow Watkins.....Carlton, Minn.

Class of 1915

Clark Albin Abrahamson.....Business, Duluth, Minn.
Paul Benjamin Bremicker.....Y. M. C. A., Minneapolis, Minn.
Olive Margaret Brown-Staudenmaier.....Aitkin, Minn.
Mary Reid Cardle-Zabel.....Delavan, Minn.
Edward Maurice Clark.....Graduate Student, Edinburgh, Scotland
Luella Clara Conley-Barry.....Williston, N. D.
Margaret Defiel-Shaker.....St. Paul, Minn.
Josephine Dixon-Mangen.....Morris, Minn.
Gwendolyn Lotimer Eastman-Disbrow.....Alcester, S. D.
Eunice Geer Finch.....Deceased
Alice Julia Flinn-Godfrey.....St. Paul, Minn.
Edith Almeda Haigh.....Teacher, Chester, Mont.
Hillard Herman Holm.....Physician, Cokato, Minn.
Catharine Deaver Lealtad.....Teacher, Cincinnati, O.
Mabel Griffiths Montgomery.....Teacher, Seattle, Wash.
John Samuel Nyquist.....Homestead, Mont.
Emily Helen Payne.....Instructor, U. of M.
Madge Porter.....Teacher, Park River, N. D.
Frieda Jeannette Radusch.....Physician, Rapid City, S. D.
Plato Earl Sargent.....Lawyer, Red Wing, Minn.
Herbert Harrison Sell.....Teacher, Fertile, Minn.
Ruth Virden Slagg.....Pipestone, Minn.
Henry Frank Softley.....Minister, Minneapolis, Minn.
Gwendolyn Bromley Williams-Slade.....Minneapolis, Minn.
Bert Benjamin Willmert.....Blue Earth, Minn.

Class of 1916

Arthur Glenn Adams.....Theological Student, Chicago, Ill.
Grace Emily Brown.....Teacher, Elma, Wash.
Beryl Alberta Brownlee.....Teacher, Laramie, Wyo.

Gordon Lyman Brownlee.....Business, St. Paul, Minn.
George Rowland Collins.....Professor, New York U., New York City
Edna Marguerite Cottrell.....Teacher, Medford, Ore.
Thomas Crocker.....Missionary, Barranquilla, Colombia, S. A.
Francis Marion Dana.....Teacher, Collingwood, N. J.
Marie Eleanor de Booy.....Nurse, Baltimore, Md.
Margaret Douglass Downing.....Teacher, St. Paul, Minn.
Ruth Marie Featherstone.....Teacher, Teller, Iowa
William Taber Greig.....Business, Minneapolis, Minn.
Helen Charlotte Gullikson-Willmert.....Hinckley, Minn.
Vergil Homer Guthrie.....Deceased
Frank Edward Hall.....Little Falls, Minn.
Arthur Bristow Hood.....Business, Rapid City, S. D.
Isabelle Howard.....Business, Minneapolis, Minn.
Howard Neff Huelster.....Business, St. Paul, Minn.
Vincent Raymond Hunt.....Teacher, Bricelyn, Minn.
Constance Darling Hunter-Brooks.....Victorville, Cal.
Bertha Mamie Hurr.....Teacher, Miller, S. D.
Gordon Lewis Keeley.....Business, Montrose, Minn.
Christopher Leo Kenny.....Teacher, Helena, Mont.
Fred Joseph Kenny.....Teacher, Ivanhoe, Minn.
Thomas Kees Laird.....Graduate Student, U. of Iowa
David Nathaniel Ling.....Business, Brookings, S. D.
John Thompson McCallum.....Teacher, Park Rapids, Minn.
Jessie Elizabeth McClure.....Teacher, Atwater, Minn.
Emily Lois McConkey-Baldwin.....Harrisburg, Pa.
Erwin Herbert Metag.....Superintendent, Belview, Minn.
Loana Miriam Miller-Norris.....St. Paul, Minn.
Anna Seraphina Nelson.....Mora, Minn.
Andrew Hilmer Norum.....Minister, St. Paul, Minn.
Adolf Olson.....Teacher, St. Paul, Minn.
Sadie Porter.....Principal, Wells, Minn.
Howard Johnson Rankin.....St. Paul, Minn.
Zylpha Lauretta Sharpe.....St. Paul, Minn.
John Lyman Sheean.....Business, Keokuk, Iowa
Alice Emma Stearns.....Teacher, St. James, Minn.
Olga Constantine Terzieff-Ivanoff.....Ann Arbor, Mich.
Stella Alice Tuttle-Baird.....Great Falls, Mont.
Vera Marie Utter-Hood.....Rapid City, S. D.
William Liston Walker.....Teacher, Battle Lake, Minn.
Irving Howard Williams.....Business, Minneapolis, Minn.
Margaret Jane Williams.....Minneapolis, Minn.

Class of 1917

Effie Alice Adams.....Teacher, Deer Lodge, Mont.
Wylie Gustave Akenson.....Business, St. Paul, Minn.
Oscar Lee Black.....Minister, Jeffersonville, Ind.
Ellen Mary Chase.....Teacher, Sherman, S. D.
Lajla Marie Dale.....Y. W. C. A. Secretary, Minneapolis, Minn.
Gladys Somers Dallimore.....St. Paul, Minn.
Herbert Emil Dierenfield.....Minister, Oakes, N. D.

Alice Muriel Everts-Easton.....Bemidji, Minn.
Emanuel Ossian Franklin.....Teacher, Minneapolis, Minn.
Charles Gerlinger.....Minister, Thief River Falls, Minn.
Wallace Graydon Gibson.....Lieut., U. S. Marine Corps
Pauline Hayes.....Teacher, Austin, Minn.
Milton Boyce Hebeisen.....Physician, St. Paul, Minn.
Ethelwyn Annette Hopkins-Moore.....Teacher, Macalester College
Charles Stanley Knott.....Minister, Mill City, Ore.
Violet Helena Knutson.....Teacher, Ely, Minn.
John Arthur Lewis.....Teacher, Trenton, N. J.
Ethel Marie McClure.....Chicago, Ill.
Swan William Mattson.....Minister, Paskin, Wis.
Evelyn Bradbury Page.....Teacher, White Bear, Minn.
Harriet Phillips.....Teacher, Stillwater, Minn.
Esperanza Reina.....Y. W. C. A., El Paso, Texas
Joseph Howard Rhoads.....Teacher, Rochester, Minn.
Allen John Robertson.....Business, Minneapolis, Minn.
Irving John Roth.....Deceased
Evelyn Mary Rumble.....McGregor, Iowa
Esther Atta Schumann-Brownlee.....St. Paul, Minn.
Gertrude Simons.....Principal, Lake Crystal, Minn.
Fremont David Taylor.....Graduate Student, U. of Minn.
Anna Marie Wagner.....Teacher, Asbury Park, N. J.
Lucille Anna Wilkerson.....Teacher, Barnesville, Minn.
Clarence Charles Willmert.....Business, Minneapolis, Minn.

Class of 1918

Donald Leslie Augustine.....Instructor, Johns Hopkins University
Leonard Bedient Brabec.....Teacher, Memphis, Tenn.
Lucia Rebecka Brown.....Teacher, Rose Creek, Minn.
Ella Isabelle Clapp-Peake.....Eufaula, Ala.
Walfred Danielson.....Teacher, St. Paul, Minn.
Dorothy Dornberg.....St. Paul, Minn.
Ruth Emhoff-Dale.....Madison, Minn.
John Kenneth Erickson.....Lawyer, Fulda, Minn.
Erling Eriksen.....Teacher, Stewartville, Minn.
Edith Sophia Gunderson.....Teacher, Ely, Minn.
Margaret Lila Hammond.....Teacher, Red Wing, Minn.
Victor Arnold Heed.....Teacher, Elmore, Minn.
James Kydd Hilyard.....Principal, Peabody Academy, Troy, N. C.
Frank Orville Holmes.....Minister, Cambridge, Mass.
Alice Erra Hough-Price.....Fulda, Minn.
Esther Jerabek.....Teacher, Gibbon, Minn.
Ethel Marie Leck-Stoltzfus.....Beirut, Syria
Eugenie Marie Legault.....Teacher, Anamoose, N. D.
Marian Louise Lesher.....Principal, Barnesville, Minn.
Glenn Nyren McNaughton.....Law Student, Cambridge, Mass.
Howard Hope McNiven.....Superintendent, New London, Minn.
Lois Marvin.....Teacher, Duluth, Minn.
Ernest Gustav Norstrom.....Teacher, Crookston, Minn.
John Alexander Patterson.....Superintendent, Moose Lake, Minn.
Hazel Louisa Roche.....Teacher, Anoka, Minn.

Helen Isabel Sivertson.....Teacher, Crookston, Minn.
Myrtle Dorothy Steen.....Teacher, Blackfoot, Idaho
Miriam Winifred Wallace-Scanlon.....Pittsburgh, Pa.
Ruth Azalia Webster.....St. Paul, Minn.
Nancy Olivia Wick.....Teacher, Worthington, Minn.
Amelia Wolf-Stemen.....Millersport, Ohio

Class of 1919

Leila Arvilla Atcherson.....Teacher, Buffalo, Minn.
Dorothy Badger-Keeley.....Montrose, Minn.
Bertha Blair.....Y. W. C. A., Chicago, Ill.
Cleo Louise Brandrup.....Rural Supervisor, Duluth, Minn.
Hellen Clark.....Teacher, St. Cloud, Minn.
Florence Anna Defiel.....St. Paul, Minn.
Paula Doermann.....Teacher, Minneapolis, Minn.
Muriel Emily Carr Eastman.....Teacher, Milaca, Minn.
Lucile Grace Farrell.....Teacher, Lakefield, Minn.
Melvin Louis Gundlach.....Graduate Student, U. of Minn.
Anna Estelle Hammerlun.....Teacher, Adams, Minn.
Tillie Hansen.....Teacher, Willmar, Minn.
Hulda Hanson.....Principal, Red Lake Falls, Minn.
Helen Kay Hargreaves.....St. Paul, Minn.
Wesley Arthur Kohl.....Principal, Buffalo Lake, Minn.
Raymond Horace Landon.....Minneapolis, Minn.
Amy Marie Le Vesconte.....Teacher, West Concord, Minn.
Alice Vivian Little.....Madison, Minn.
Margaret McLeod-Crocker.....Barranquilla, Colombia, S. A.
Helen Willina McRae.....Graduate Student, U. of Minn.
Marion Gertrude Reader-Colby.....Minneapolis, Minn.
Gladys Harriett Reutiman.....Teacher, Honolulu, T. H.
Clara Goldena Robinson.....Teacher, Mankato, Minn.
Ada Rose Stalker.....Teacher, Duluth, Minn.
Helen Strachan-Clark.....Rockville, Minn.
Helene May Thomas.....Teacher, Oakes, N. D.
Clarinda Eleanor Trandem.....Medical Student, New York City
Charles M. Wenzel.....Business, Wheaton, Minn.
Margaret Eliza Wharry-Winford.....Owensboro, Ky.

Class of 1920

Julian Francis Anderson.....Preston, Minn.
Vern L. Berryman.....St. Paul, Minn.
Marion Catherine Cardle.....Teacher, Mountain Iron, Minn.
Florence Claus.....Teacher, Glen Ullin, N. D.
May Charlotte Coleman.....Teacher, Springfield, Minn.
Marion Armerel Conger.....Teacher, Grand Rapids, Minn.
Orin Montgomery Corey.....Teacher, Sandwich, Wis.
Joseph Douglas Crane.....St. Paul, Minn.
Constance Cronhardt.....Graduate Student, New York City
Gerald Curtis Dale.....Madison, Minn.
Alice Grace Davidson.....Teacher, Windom, Minn.
Marjorie Dornberg.....Teacher, Le Sueur, Minn.

Lucile Jeannette Erickson-Groskientz.....Lake Wilson, Minn.
Alice Mary Fletcher-Sprague.....Flandreau, S. D.
Ethel Alice Fletcher.....Teacher, Herman, Minn.
Lillian Taylor Flitch.....Teacher, Annandale, Minn.
Frances Ruth Gordon.....St. Paul, Minn.
Florence Elizabeth Gow.....Teacher, Fairfax, Minn.
Ralph Everett Greig.....Business, St. Paul, Minn.
Roy Alfred Greig.....Principal, Lamberton, Minn.
Hazel Mary Griffith.....Teacher, Hallock, Minn.
Paul Grosshuesch.....Minister, St. Paul, Minn.
Jesse Collins Hales.....Teacher, Gardner, Mass.
Louise Elizabeth Hall.....Teacher, Onamia, Minn.
Veva Ruth Halverson.....Teacher, Redwood Falls, Minn.
Spruel Edward Heard.....Atascadero, Cal.
Elsie Ethel Heimer.....Teacher, Henderson, Minn.
Ruth Anna Helweg.....Teacher, Lake Crystal, Minn.
Claude Douglas Holzinger.....Principal, Fulda, Minn.
Ruth Hoxie.....Teacher, Duluth, Minn.
Dorothy Wilder Hutchinson.....University of Pittsburgh
Frances Lucy Hyslop.....Teacher, Long Prairie, Minn.
George Arthur Jensen.....Teacher, Stillwater, Minn.
Linnea Margaret Johnson.....Teacher, Princeton, Minn.
Merle Constance Johnson-Robinson.....Oelwein, Iowa
Anna H. Johnston.....Teacher, Fulda, Minn.
Clara Dunlavy Jones.....Teacher, Rapid City, S. D.
Walter Philip Keller.....Principal, Lake Crystal, Minn.
Adolf Kongelf.....Business, Minneapolis, Minn.
Carrie Louise Krugmeier-Christensen.....St. Paul, Minn.
Gertrude Helene Krugmeier.....St. Paul, Minn.
Germaine Labadie.....Teacher, Duluth, Minn.
Mae Cecile Landeene.....Teacher, Le Roy, Minn.
Winifred Violet Lapp.....St. Vincent, Minn.
Marie Lee.....Montrose, Colo.
Marthe LeLoupp.....Student Assistant, Vassar College, Poughkeepsie, N. Y.
Mildred Irving Leven.....Teacher, Kasson, Minn.
Russell William Lewis.....Teacher, Tripoli, Syria
Myron Louis Lorenz.....Business, Rolla, N. D.
Helen Edna McGee.....Teacher, Greeley, Colo.
Sana Beth McKenny.....Instructor, Macalester College, St. Paul, Minn.
Marion Leola McLeod.....Chicago, Ill.
Laura Marles.....St. Paul Public Library
Jean Florence Mosier.....Teacher, Worthington, Minn.
Norman Eugene Nygaard.....Theological Student, Omaha, Neb.
Violet May Olson.....Instructor, Macalester, College
William Isaac Orlebeke.....Superintendent, Hanley Falls, Minn.
Lloyd Ernest Peabody.....Teacher, Sioux Falls, S. D.
Mildred Peabody.....Teacher, Plainview, Minn.
Florence V. Pearson.....Teacher, Ely, Minn.
Irene Marguerite Petersen.....Teacher, Janesville, Minn.
Ruth Amelia Rost.....Teacher, Montrose, Minn.
William John Shogren.....Principal, Fosstin, Minn.
Alice Burgoyne Spencer-McLean.....Omaha, Neb.
Milton Francis Sturtevant.....Teacher, Ashley, N. D.
Zenas Howland Taylor.....Manitou, N. D.
William Carson Thompson, Jr.....Graduate Student, University of Chicago
Daniel Thomas Thomassian.....Teacher, Aitkin, Minn.
Chester Martin Tobin.....Y. M. C. A., St. Paul, Minn.
Arthur Louis Whiton.....Minneapolis, Minn.

Class of 1921

Alric Anderson.....Law Student, U. of Minn.
Grace Bross-Ringold.....St. Paul, Minn.
Leslie Willis Brown.....Teacher, Elk River, Minn.
Alvin Clayton Busse.....New York University, N. Y.
Grace Julia Calder.....Teacher, Hudson, Wis.
William Gibson Claffy.....Business, So. St. Paul, Minn.
Marguerite Craig.....Teacher, Madison, Minn.
Bonnie Davies.....Library, St. Paul, Minn.
William Tammel DeBoer.....Pollock, S. D.
Esther Deakin Donnelly.....Teacher, Winthrop, Minn.
Lenice Evelyn Felthous.....St. Paul, Minn.
John Louis Ferry.....Outlook, Sask.
Victor Karl Funk.....Medical Student, U. of Minn.
Robert Francis Gale.....Carver, Minn.
Elsie Genevieve Gerlach.....Teacher, Two Harbors, Minn.
Donald Henry Griffith.....New York University
Grace Marie Guilford.....Social Service, Minneapolis, Minn.
Marion Ethel Haigh.....Teacher, Sanborn, Minn.
Doris Halverson.....Teacher, Redwood Falls, Minn.
Willis Blackford Hazleton.....Business, Minneapolis, Minn.
Guy Louis Hill.....Principal, Hinckley, Minn.
Myrtle Genevieve Hynes.....Teacher, Granada, Minn.
Ruth Gladys Isker.....Instructor, Macalester College
Florence Wilhelmina Johnson-Nygaard.....Omaha, Neb.
Frederick Ben Johnson.....Teacher, Agricultural College, St. Paul, Minn.
Helmer Gerhardt Johnson.....Teacher, Galesburg, N. D.
Lawrence Joseph Legault.....Teacher, Norwood, Minn.
James D. Lightfoot.....Scoutmaster, Stillwater, Minn.
Raymond Delos Lilley.....St. Paul, Minn.
Helen Frances McLean.....Teacher, Parker's Prairie, Minn.
Donald Clark McLeod.....Business, Minneapolis, Minn.
Jessie Norris Mayo.....Teacher, Middle River, Minn.
Mary Mixer.....St. Paul, Minn.
Helen Arabella Newell.....Albert Lea, Minn.
Pearl Isabella Nisbet.....Teacher, Wheaton, Minn.
Edward Oakley Paden.....Teacher, St. Peter, Minn.
Lillian Marie Paulson.....Y. W. C. A. Secretary, Hibbing, Minn.
Ione Vilona Pickle.....Teacher, Redwood Falls, Minn.
Dorothy Pratt.....Graduate Student, U. of Minn.
Allen Arthur Rock.....Teacher, Brainerd, Minn.
Elizabeth Schade.....Principal, Cleveland, Minn.
Erich Paul Schwandt.....Atascadero, Cal.
George Eddy Scotton.....Teacher, Wadena, Minn.
Ruth Marjorie Swift.....Teacher, Caledonia, Minn.
Florabel Elenor Wickett-Claffy.....St. Paul, Minn.
Vera Emerson Wilcox.....Y. W. C. A. Secretary, Minneapolis, Minn.
Winifred Wilkerson.....Graduate Student, U. of Minn.
Ruth Willson-Bates.....St. Paul, Minn.

Alumni of the Conservatory of Music

Class of 1900

Mrs. Maud Taylor-Hansen ..... Minneapolis, Minn.

Class of 1901

Millicent Viola Mahlum-Kelts ..... Columbus, Mont.

Class of 1905

Grace Taylor-Franklin ..... Emerado, N. D.
Mrs. W. H. Amos ..... Portland, Ore.

Class of 1906

Carmen Mahlum ..... Brainerd, Minn.
Pearl Neeb ..... Lewiston, Minn.
Charrie Roberton-Simonds ..... Minneapolis, Minn.
Mildred Gretchen Phillips-Kindy ..... St. Paul, Minn.
Paul H. Th. Rusterholz ..... St. Paul, Minn.

Class of 1907

Gyda Hansen ..... St. Paul, Minn.
Richard U. Jones ..... St. Paul, Minn.

Class of 1908

Ethel Erkenbrack-Funk ..... Minneapolis, Minn.
Ada Nash-Patterson ..... Edgerton, Minn.
Gladys Neff ..... Neillsville, Wis.
Minnie Tullar-Doty ..... St. Paul, Minn.
Clara Odenwald-Abbet ..... Minneapolis, Minn.

Class of 1909

Lorraine Vern Miller ..... La Moure, N. D.
Rhea Le Pierre Rocheleau-Blake ..... Portland, Ore.
Anna May Woodworth-Lunn ..... St. Paul, Minn.

Class of 1910

Ardelia Bisbee ..... Madelia, Minn.
Mildred C. Corliss ..... Portland, Ore.
Ada Dahlgren ..... St. Paul, Minn.
Lillian Hall ..... Minnewaukan, N. D.
Estelle Spayde ..... Rapid City, S. D.

Class of 1911

Charlotte Burlington ..... Philadelphia, Pa.
Elva May Davis-Westerlund ..... Iowa Falls, Iowa
Katherine Gamble-Baskerville ..... St. Paul, Minn.
Myrtha Marie Gunderson ..... St. Paul, Minn.
Ethel Haggard-Stewart ..... St. Paul, Minn.
Stella Wilhelmina Heger-Wilson ..... St. Cloud, Minn.

Class of 1912

Mary Genevieve Carver-Stevens ..... St. Paul, Minn.
Ethel Wilcox ..... Mankato, Minn.
Lottie M. Olson-Taralseth ..... Warren, Minn.
Alice R. Olson ..... Fargo, N. D.
Louise Appel-Kuck ..... St. Paul, Minn.
Erna Appel ..... Duluth, Minn.

Class of 1913

Harriet Martha Caldwell-Randall ..... Monango, N. D.
Constance Pearl Johnson ..... Brookings, S. D.
Alice Elvira Larson-Sivertson ..... Alexandria, Minn.
Geneva Samson-Dinwoodie ..... St. Paul, Minn.
Ethel May Stewart ..... St. Paul, Minn.
Stella Alice Tuttle-Baird ..... Great Falls, Mont.
Margaret Jane Williams ..... Cleveland, Ohio
Gladys Ruth Ziesemer ..... St. Paul, Minn.

Class of 1914

Jean Adie-Hullsiek (Bachelor of Music) ..... St. Paul, Minn.
Harriet Caldwell ..... Monango, N. D.
Mabel Reed ..... St. Paul, Minn.
Hazel Roche ..... Anoka, Minn.
Evelyn Rumble ..... St. Paul, Minn.
Blanche Runyon-Rose ..... St. Paul, Minn.
Mildred Skauge ..... Brainerd, Minn.
Ruth Spater ..... St. Paul, Minn.
Clarence Vokoun ..... St. Paul, Minn.
Amelia Wolf-Stemen ..... Canal Winchester, Ohio
Vernie Wolfsberg ..... St. Paul, Minn.

Class of 1915

Albina Agnes Minar ..... Browerville, Minn.
Frank C. L. Minar ..... Browerville, Minn.
Grace Evangeline Olen ..... St. Paul, Minn.
Olive E. Scott ..... Stillwater, Minn.
Ann Elizabeth Shell ..... Wallowa, Ore.
Ethel Genevieve Tamborino ..... St. Paul, Minn.
Grace Marie Waddell ..... St. Paul, Minn.
Maude Julia Wanzer ..... Charleston, W. Va.

Class of 1916

Lilah Bellingham-Johnston ..... Lordsburg, N. M.
Lajla Dale ..... Minneapolis, Minn.
Elizabeth Erickson ..... Bemidji, Minn.
Pearl Fox-Nearpass ..... St. Paul, Minn.
Edith Gunderson ..... Appleton, Minn.
Louis Jacobi ..... St. Paul, Minn.
Grace O'Neale-Strom ..... Jackson, Minn.
Mildred Peabody ..... St. Paul, Minn.
Harriet Pierpont-Smith ..... Bruce, Wis.
Evelyn Rumble (Bachelor of Music) ..... St. Paul, Minn.
Daniel Thomassian ..... Aitkin, Minn.
Janet Vokoun ..... St. Paul, Minn.

Class of 1917

Leonard Brabec ..... Wilson, N. C.
Lucile Farrell ..... Lakefield, Minn.
Lena Halverson ..... St. Paul, Minn.
Pearl Kaehler ..... St. Charles, Minn.
Ruth Merryman Hoglund ..... Deceased
Margaret Mount ..... St. Paul, Minn.
Harriet Phillips ..... Stillwater, Minn.
Agnes Wunderlich ..... St. Paul, Minn.

Class of 1918

Jean Ellerbe ..... St. Paul, Minn.
Lucile Farrell (Bachelor of Music) ..... Lakefield, Minn.
Fred Hoyer ..... New York City
Gwendolin Lomnes ..... Honolulu, Hawaii
Laura Lynch ..... Orr, N. D.
Marion Saunders-Pantell ..... Muskogee, Okla.
Helen Strachan-Clark ..... Rockville, Minn.
Margaret Wharry-Winford ..... Owensboro, Ky.

Class of 1919

Marion Bagley ..... St. Paul, Minn.
Florence Hastedt ..... St. Paul, Minn.
Anna Redlack ..... St. Paul, Minn.
Emma Schroeder ..... St. Paul, Minn.
Doris Utter ..... St. Paul, Minn.

Class of 1920

Ione Vilona Pickle ..... Madison, Minn.
Ruth Majorie Swift ..... No. St. Paul, Minn.
Edith Vera Willford ..... Canton, Minn.
Lydia Emily Wrbitzky ..... Silver Lake, Minn.

Class of 1921

Ruth Lindbloom-Negaard ..... Stillwater, Minn.
Alice Maulsby ..... Sykeston, N. D.
Marguerite Leonora House ..... Cass Lake, Minn.
George Peterson ..... Minneapolis, Minn.

Roll of Students

Senior Class

Lillian Grace Anderson.....Ortonville, Minn.
Reuben M. Anderson.....Arthur, Iowa
Rufus Alonzo Barackman.....Lincoln, Kans.
Percy Judson Bevis.....Duluth, Minn.
Holley Jeans Brandrup.....Mankato, Minn.
Paul Herbert Brandt.....Murdock, Minn.
Jeanne Catherine Brown.....St. Paul, Minn.
Carl G. Burton.....Minneapolis, Minn.
Leland Davidson Case.....Mankato, Minn.
Isabella Clark.....Rockville, Minn.
Jacob Cornils.....St. Paul, Minn.
Joyce Edna Dauwalter.....Carver, Minn.
Emil Joakim Fogelberg.....St. Paul, Minn.
Eugenio M. Fonbuena.....Philippine Islands
Elmer William Fondell.....Dawson, Minn.
Dorothy Gergen.....St. Paul, Minn.
Mary Adelaide Granger.....Aberdeen, S. D.
Ward Marshall Gray.....Minneapolis, Minn.
Wilton Gundlach.....St. Paul, Minn.
Nina Purcell Gunnison.....Minneapolis, Minn.
Stuart Wesley Hannah.....Fisher, Minn.
John Hargreaves.....Rochester, Minn.
Bernice Goldia Horton.....Round Lake, Minn.
Myrtle Victoria House.....Cass Lake, Minn.
Alice Lois James.....Madelia, Minn.
Richard M. James.....Madelia, Minn.
Olive Cecelia Johnson.....Clifton, Kans.
Ida Merle Leas.....St. Paul, Minn.
Dewey John Arthur Lindquist.....Belgrade, Minn.
Hazel Vivian Lundsten.....Waconia, Minn.
Margarette Ralston McNaughton.....Redwood Falls, Minn.
Alice Maulsby.....Sykeston, N. D.
Bertha Louise Medcalf.....St. Paul, Minn.
Carol Adah Newcomb.....Pepin, Wis.
Grace Violet Nystrom.....Osseo, Minn.
Edith Marie Olson.....St. Paul, Minn.
Clarence M. Purvis.....Tracy, Minn.
Margaret Irene Rappe.....St. Paul, Minn.
Helen Frances Reed.....St. Paul, Minn.
Arline Osgood Sander.....St. Paul, Minn.
Anna Belle Scidmore.....Clark, S. D.
Eleanor Florence Spates.....St. Paul, Minn.
Lucile Strachan.....Duluth, Minn.
Harlan Edgar Tripp.....St. Paul, Minn.
Leslie Elliott Tripp.....St. Paul, Minn.
Ruth Morse Upton.....Dawson, Minn.
William Michael Wagner.....St. Paul, Minn.
Marshall Franz Westerlund.....St. Paul, Minn.

Junior Class

Saturnino Abasolo.....Philippine Islands
Ella Louise Anderson.....Ortonville, Minn.
Elsie Violet Anderson.....St. Paul, Minn.
Ralph Baerman.....Rushford, Minn.
Ruth Marion Balcome.....St. Paul, Minn.
Mae Ella Barclay.....Cass Lake, Minn.
Roland Robert Beggs.....Minneapolis, Minn.
Albert Arnold Beltman.....Tower City, N. D.
Anna Celina Bergstedt.....Amery, Wis.
Paul Adolph Bjelland.....Mankato, Minn.
Helen Christine Brandt.....Murdock, Minn.
Lewis Charles Burnett.....Austin, Minn.
Paul T. W. Carlson.....Minneapolis, Minn.
Marion Beatrice Colby.....St. Paul, Minn.
Archie Davis Cummings.....Beaver Creek, Minn.
Margaret Mae Custer.....Howard Lake, Minn.
Ethelmae Dodds.....Claremont, Minn.
Wesley Edward Doms.....Slayton, Minn.
Cary Egbert Donaldson.....Minneapolis, Minn.
Ella Ruth Eide.....Rushmore, Minn.
Nellie Henrietta Erickson.....Minneapolis, Minn.
Edward Humphrey Evans.....Duluth, Minn.
Freeman Forest Fosseen.....Minneapolis, Minn.
Opal Giebler.....Stillwater, Minn.
Marjorie Lucille Greive.....Plainview, Minn.
Kathryn Alice Guy.....Oakes, N. D.
Harold Curtis Hand.....Tolna, N. D.
Mace Van Sant Harris.....Fergus Falls, Minn.
Walter Samuel Hauser.....Minneapolis, Minn.
Marguerite Higgins.....Delano, Minn.
Henry Richard Holman.....Ahnberg, S. D.
Marjorie Luella Hyslop.....Fulda, Minn.
Mary Lucy Hyslop.....Fulda, Minn.
Victor Elmer Jacobson.....Aitkin, Minn.
John Tobias Jesten.....Evansville, Minn.
Linus Johnson.....St. Paul, Minn.
Myretta Jane Johnston.....Forest River, N. D.
Edmund Harry Larson.....St. Paul, Minn.
James Knights Lawrence.....Belt, Mont.
Pearl Margaret Leibbrand.....Jordan, Minn.
Ray Ellis Lemley.....Creston, S. D.
Nathaniel Logan Leven.....St. Paul, Minn.
Philander Gilbert McKeown.....Medford, Minn.
Margaret Virginia McLeod.....Minneapolis, Minn.
Charlotte Clara Marvin.....Duluth, Minn.
Marian Alice Mills.....St. Paul, Minn.
Margaret Sylvia Mount.....St. Paul, Minn.
Pearl Catherine Murray.....St. Paul, Minn.
Ruth Victoria Nelson.....Minneapolis, Minn.

Elmer Edward Nyberg.....St. Paul, Minn.
Dorothy Alice Olds.....St. Cloud, Minn.
Evelyn Jean Olson.....Chisholm, Minn.
Mary Gwen Owen.....Mandan, N. D.
Margaret Lucile Paden.....Mankato, Minn.
Hector Perrier.....St. Paul, Minn.
Vera Anne Petersen.....Pipestone, Minn.
Maurice Edmund Phillips.....Minneapolis, Minn.
Emily Pomerenke.....Good Thunder, Minn.
Hervey Morris Richardson.....Morris, Minn.
Eric Arthur Rinell.....Kiachow, Shantung, China
Robert Edwin Rock.....St. Paul, Minn.
Julia Alfrida Rost.....Kerkhoven, Minn.
Frank Maxwell Scott.....Two Harbors, Minn.
Spencer Horace Smith.....Wayzata, Minn.
Winston Blackburn Smythe.....Buffalo, Minn.
Gilbert Miller Stevenson.....Duluth, Minn.
Esther Stone.....Afton, Minn.
Agna Elfrida Strander.....Crookston, Minn.
Miriam Jeanette Sylvester.....Olivia, Minn.
Samuel Paul Tinnes.....Adrian, Minn.
Harold Henry Vandersluis.....Fergus Falls, Minn.
Bertha Elizabeth Vanorden.....Council Bluffs, Iowa
Keene Christopher Vanorden.....Council Bluffs, Iowa
Floyd Luchsinger Wentworth.....Mantorville, Minn.
Frank Lawrence White.....Amboy, Minn.
Nora Olivia Wilcox.....Pine City, Minn.

Sophomore Class

Mabel Olive Ahlgren.....St. Cloud, Minn.
Enor Gilbert Anderson.....St. Paul, Minn.
Arthur E. Armstrong.....St. Paul, Minn.
Sigfried Donovan Arnquist.....New Richmond, Wis.
Lois Adelaide Avery.....Minneapolis, Minn.
Elsie Baerman.....Rushford, Minn.
Ernest Arthur Bailey.....Winnebago, Minn.
Ruth Katherine Barackman.....Duluth, Minn.
Robert Barr.....Clitherall, Minn.
Catherine Bates.....St. Paul, Minn.
Lorena Bede.....Pine City, Minn.
Mildred Atlanta Bennetson.....Appleton, Minn.
Marian Eloise Benson.....Minneapolis, Minn.
Helen Adele Bentley.....St. Paul, Minn.
Martha E. Bolt.....St. Paul, Minn.
Lyle Roscoe Bonham.....St. Paul, Minn.
Benjamin Briggs Bonnell.....St. Paul, Minn.
Adeline Elizabeth Borgeson.....Minneapolis, Minn.
Ruth Lenore Bowman.....St. Paul, Minn.
Elbert Parker Boyden.....St.Paul, Minn.
Vivian Alexia Brand.....St. Paul, Minn.

Gilbert Theophilus Bremicker.....Highland, Wis.
Hilma Adele Brunius.....Carver, Minn.
Florence Elizabeth Bullard.....St. Paul, Minn.
Theodore Roosevelt Burges.....Clara City, Minn.
Hazel Burnson.....Wahpeton, N. D.
Marie Sarah Cadwell.....Le Sueur, Minn.
William Charles Carlson.....St. Paul, Minn.
Helen Center.....Mandan, N. D.
Marian Rose Chambers.....Owatonna, Minn.
Donald Grant Clark.....Rockville, Minn.
William Edward Clark.....Minneapolis, Minn.
Frances Burrel Clausen.....Kenyon, Minn.
Robert Lee Coleman.....Elbow Lake, Minn.
Lenora Esther Deters.....St. Paul, Minn.
James Dickson.....Dalzell, S. D.
Cecil Ellsworth Dunham.....Minneapolis, Minn.
Mitford Ellsworth.....St. Paul, Minn.
Ruth Lolita Empey.....Farmington, Minn.
Reinhold Ericson.....Minneapolis, Minn.
Erik Harold Ericsson.....St. Paul, Minn.
Edmund Merrill Fenstad.....St. Paul, Minn.
Colburn Charles Fifield.....Minneapolis, Minn.
Raymond G. Fletcher.....St. Paul, Minn.
Irma Elizabeth Fliehr.....Virginia, Minn.
Mabel Marion Frey.....St. Paul, Minn.
Douglas Moore Garrow.....St. Paul, Minn.
James Alex Garrow.....St. Paul, Minn.
Helen Louise Gibbs.....St. Paul, Minn.
Elsie Mae Glasmer.....Plainview, Minn.
Helen May Goodrich.....Minneapolis, Minn.
Robert Horace Goodrich.....Minneapolis, Minn.
Miriam Elizabeth Gordon.....Virginia, Minn.
Ida Sophia Granholm.....Virginia, Minn.
Maurice Lewis Greene.....St. Paul, Minn.
Gordon Grippen.....Minneapolis, Minn.
Joyce Rita Halverson.....Revillo, S. D.
Ruby Arline Hankey.....Langdon, N. D.
Clara Grace Hanson.....Munising, Mich.
Robert Haskin.....Philbrook, Minn.
Dorothy Hibbard.....Crookston, Minn.
Robert Donald Hooper.....St. Paul, Minn.
Jane Stuart Howard.....Minneapolis, Minn.
Leonard Loren Hubbell.....Robbinsdale, Minn.
Lucille Marguerite Hudson.....Correll, Minn.
Alice Johnson.....St. Paul, Minn.
Elmer Milton Johnson.....Minneapolis, Minn.
Peavey Johnson.....St. Paul, Minn.
Rudolph Keller.....Slayton, Minn.
Katherine Kennedy.....St. Paul, Minn.
Miles Robert Kerby.....Centerville, Iowa
Donald Roberts Latimer.....White Bear Lake, Minn.

Laura Kathrun Layng.....Bruno, Minn.
George Oakley Leck.....Buffalo, Minn.
Lillian Ruth LeVesconte.....Prior Lake, Minn.
Kenneth Milo Lewis.....St. Paul, Minn.
John Kenneth Lorans.....White Rock, S. D.
Annie Luella Lystad.....North Hudson, Wis.
Harriet Patricia McComb.....St. Paul, Minn.
Mabel Maxine McCoy.....Campbell, Minn.
Mary June McFarland.....St. Paul, Minn.
Muriel McGee.....Aurora, Minn.
Alexander James McLean.....Langdon, N. D.
Vida Jean McNaughton.....Redwood Falls, Minn.
Margaret Florence McPhee.....St. Paul, Minn.
Albin Oscar Mark.....McVille, N. D.
Ezra Meckel.....LeSueur, Minn.
Silas Archie Meckel.....LeSueur, Minn.
Paul William Mielke.....Henriette, Minn.
Velva Belle Minty.....St. Paul, Minn.
Marian Hope Morris.....Minneapolis, Minn.
Marcella Mullen.....Madelia, Minn.
Ida Louise Neller.....St. Paul, Minn.
Amy Genevieve Nelson.....Waconia, Minn.
Florence Kathleen Nelson.....Mora, Minn.
Russell Perry Nelson.....Robbinsdale, Minn.
Ragnhild Helen Nickolson.....Tower, Minn.
Mildred Nygaard.....Minneapolis, Minn.
Frederick Milton Olsen.....Minneapolis, Minn.
Arnold David Olson.....St. Paul, Minn.
Merril Willard Olson.....Maynard, Minn.
Lurene Dorothy Paff.....Blue Earth, Minn.
Ruth Elizabeth Pearson.....Canton, Minn.
Meryl Josephine Pederson.....St. Paul, Minn.
Ile Esther Pesola.....Mountain Iron, Minn.
Alice Cecelia Peterson.....Prentice, Wis.
Bruce James Raeburn.....St. Paul, Minn.
Ralph Loren Robertson.....Austin, Minn.
Walter John Rock.....St. Paul, Minn.
Ilma Rosalie Ruohmaki.....Chisholm, Minn.
Joseph Arthur Sabin.....Duluth, Minn.
Elaine Cecile Schaeffer.....Elbow Lake, Minn.
Gladys Leonora Scheiber.....St. Paul, Minn.
Susan Sarah Schock.....Jackson, Minn.
Pearl Jane Shaw.....Robbinsdale, Minn.
Helen Marguerite Sherman.....Albert Lea, Minn.
Margaret Aleda Shiels.....Kerkhoven, Minn.
Mabel Amanda Sjolander.....Dawson, Minn.
Enrique Sobrepena.....Philippine Islands
John Wesley Stokes.....St. Paul, Minn.
Marjorie Louise Strom.....Minneapolis, Minn.
Andrew John Swanson.....St. Paul, Minn.
Wilbur Donald Tesch.....Farmington, Minn.

Evan Arthur Thomas.....Sherburn, Minn.
Mahlon Barnet Thompson.....Slayton, Minn.
Florence Corine Thune.....Redwood Falls, Minn.
George Benjamin Todd.....St. Paul, Minn.
Archie William Troelstrup.....Belgrade, Minn.
Joseph Herman Underdahl.....Frost, Minn.
Warren Adam Vickers.....Farmington, Minn.
Vannita Weseley.....Owatonna, Minn.
Ruth Dorothy Whittaker.....St. Paul, Minn.
Marian Almira Wickett.....Canton, Minn.
Lois Vivian Wilkerson.....Rapid City, S. D.
Margaret Willson.....St. Paul, Minn.
Walter Charles Willys.....St. Paul, Minn.
Helen Annette Wilson.....Montevideo, Minn.
Helen Elizabeth Wilson.....Underwood, Minn.
Clara Wurdell.....St. Paul, Minn.
Ralph Anderson Yeo.....St. Paul, Minn.
Margarita Zozaya.....Omaha, Neb.

Freshmen Class

Maximino Abasolo.....Philippine Islands.
Frances Carolyne Adams.....Minneapolis, Minn.
Esther Maria Anderson.....Minneapolis, Minn.
Morgan T. Anderson.....St. Paul, Minn.
Frances Helen Bailey.....Winnebago, Minn.
Ruth Louise Bailey.....Bellaire, Mich.
David Edward Barlow.....Sleepy Eye, Minn.
Walter William Barlow.....Sleepy Eye, Minn.
Howard Clinton Beresford.....Vinton, Iowa
Marguerite Henrietta Blekkink.....St. Paul, Minn.
Minnesota M. Bocheck.....Willow River, Minn.
Reuben Oscar Boehlke.....Buffalo Lake, Minn.
Richard Sloane Bowden.....St. Paul, Minn.
Donald Wilfred Burgett.....Orr, N. D.
Robert Raoul Butturff.....Minneapolis, Minn.
Morrill Wilfred Campion.....Angus, Minn.
Claribel Lynette Clenth.....Mound, Minn.
Gertrude May Clifford.....St. Paul, Minn.
Helen Minerva Conger.....Mora, Minn.
Allan Lamond Coulter.....Bruno, Minn.
Mrs. Jennie L. Cushman.....St. Paul, Minn.
Oscar Idor Devold.....Belgrade, Minn.
Arthur Emerson Dickson.....St. James, Minn.
Willard Edwards.....St. Paul, Minn.
Clifford John Elsen.....Glenwood, Minn.
Mildred Fisk.....Minneapolis, Minn.
Marjorie Agnes Forbes.....So. St. Paul, Minn.
Esther Helen Funk.....St. Paul, Minn.
Irene Elizabeth Glendenning.....Hastings, Minn.
Helen Gorton.....Simms, Mont.
Raymond John Griffith.....St. Vincent, Minn.

Margaret Ruth Gunderson.....Kenyon, Minn.
Veina Katherine Gutzler.....St. Paul, Minn.
Maye Elizabeth Hannay.....Amboy, Minn.
Henry Harpster Haupt.....St. Paul, Minn.
Frances Amanda Hazzard.....St. Paul, Minn.
Esther Ulrica Elizabeth Hedeen.....Chicago, Ill.
Howard Edwin Hedman.....St. Paul, Minn.
Lester August Helweg.....Fulda, Minn.
Eugene Lee Hibbard.....Crookston, Minn.
Lillie R. Hoecke.....Minneapolis, Minn.
Donald Stuart Hosmer.....Ashland, Wis.
Ellsworth Ironside.....Brown's Valley, Minn.
John Melseth Jacobsen.....Minneapolis, Minn.
Mark Gilmore Jensen.....Little Falls, Minn.
Hazel Johanson.....St. Paul, Minn.
Chester Laven Johnson.....Avoca, Minn.
Detlof Emanuell Johnson.....Minneapolis, Minn.
Mildred Johnson.....New London, Minn.
Helen Jones.....Marshall, Minn.
Helen Frances Katner.....Hudson, Wis.
Birdie Krause.....Plainview, Minn.
Elias Mathew Larsen.....Council Bluffs, Iowa
James Albert Leck.....Minneapolis, Minn.
Edwin Francis Lehman.....Minneapolis, Minn.
Lester Burton LeVesconte.....Prior Lake, Minn.
Vivian Josephine Love.....Luck, Wis.
Helen Elizabeth McLeod.....Minneapolis, Minn.
Norman McLeod.....Edgerton, Minn.
Elizabeth Marguerite McNish.....St. Paul, Minn.
Hazel Olive McNish.....St. Paul, Minn.
Jean McVeety.....Howard Lake, Minn.
Ida Marie Mampel.....Brainerd, Minn.
Alwin Kline Margraff.....Gilman, Wis.
Nancy Agnes Barrie Marshall.....St. Paul, Minn.
John David Martin.....Round Lake, Minn.
Mabel Elizabeth Mathis.....Excelsior, Minn.
Aletha Mildred Miner.....Waterville, Minn.
Robert Irving Moran.....Owatonna, Minn.
Annabelle Morsbach.....Durand, Wis.
Carrie Laetitia Mott.....Albert Lea, Minn.
Elizabeth Zula Murray.....St. Paul, Minn.
Mattie Valeda Murray.....St. Paul, Minn.
Arthur Henry Nelson.....Robbinsdale, Minn.
Lucile Isadore Nelson.....Brooten, Minn.
Caroline Neuman.....Minneapolis, Minn.
Stella Dorothy Nicol.....Watertown, S. D.
Viroqua Carol G. Nodolf.....Minneapolis, Minn.
Richard E. Nutting.....Minneapolis, Minn.
Esther Lillian Nyberg.....St. Paul, Minn.
Carroll Lloyd Olson.....St. Paul, Minn.
William Theodore Paden.....Mankato, Minn.

Frank Forest Paskewitz ..... Philbrook, Minn.
Beatrice Isadore Pearson ..... Canby, Minn.
Aneita Ruth Pennell ..... West Concord, Minn.
Lawrence William Peterson ..... Minneapolis, Minn.
Mabel Pauline Peterson ..... Prentice, Wis.
Whitman Gordon Plaisted ..... Minneapolis, Minn.
Helen Playfair ..... Madelia, Minn.
Howard William Pope ..... Washington, D. C.
Joseph Portas ..... St. Paul, Minn.
George Harland Purves ..... Tracy, Minn.
Herbert Everett Putnam ..... Battle Lake, Minn.
Vera Elizabeth Raney ..... Minneapolis, Minn.
Russell A. Ridgway ..... Minneapolis, Minn.
William Lester Robinson ..... Campbell, Minn.
Edith Mary Rock ..... St. Paul, Minn.
Roger Rutchick ..... St. Paul, Minn.
Leslie Raymond Scherer ..... Mankato, Minn.
Etta Amanda Scott ..... Red Wing, Minn.
Helen Margaret Sellie ..... LeSueur, Minn.
Carmen Elizabeth Simonson ..... Albert Lea, Minn.
Benjamin Henry Skerik ..... Silver Lake, Minn.
Arthur Clifton Skjold ..... Minneapolis, Minn.
Kenneth C. Spates ..... St. Paul, Minn.
Monroe Spear ..... Waterville, Minn.
Vila Beatrice Sturgeon ..... Amboy, Minn.
Leverne Henry Tanglen ..... Parker's Prairie, Minn.
Thomas Fenwick Taylor ..... Fergus Falls, Minn.
Wesley R. Tennis ..... Park River, Mich.
Dorothy Abbott Tessman ..... Hastings, Minn.
Anna Kathryn Thies ..... Minneapolis, Minn.
Leah Mae Thompson ..... Barron, Wis.
Nathan Kingsley Thon ..... Austin, Minn.
Joyce Annetta Thulen ..... Breckenridge, Minn.
Elinor Tilford ..... Lakefield, Minn.
Clifford Frank Traff ..... Minneapolis, Minn.
Doris Marie Treseler ..... St. Paul, Minn.
Marjorie True ..... Minneapolis, Minn.
Charlotte Bess Vanorden ..... Council Bluffs, Iowa
Carl Ragnar Wall ..... St. Paul, Minn.
Wilma Lola Wallace ..... Britton, S. D.
Loren Warren ..... Windom, Minn.
Robert Brooks Wasgatt ..... Winnebago, Minn.
Beula Adelle Wells ..... Farmington, Minn.
Harold Calvert Wetherby ..... Willmar, Minn.
Lester Oliver Wilcox ..... Pine City, Minn.
Elva Mavis Williams ..... Chippewa Falls, Wis.
James Smith Williams ..... Minneapolis, Minn.
Raymond Edward Williams ..... Minneapolis, Minn.
Frances Elizabeth Williamson ..... Winnebago, Minn.
Nellie Maude Willson ..... Minneapolis, Minn.

Clarence Woll.....St. Paul, Minn.
Elmer Norris Woll.....St. Paul, Minn.
Dorothy Evelyn Wolter.....Minneapolis, Minn.
William Julius Yock.....Clara City, Minn.
Lloyd Young.....Austin, Minn.
Victor Waldorf Ziebarth.....Minneapolis, Minn.

Special

Margaret MacGregor Doty.....St. Paul, Minn.

Conservatory of Music

Dean Abbe.....St. Paul, Minn.
Esther Adams.....Minneapolis, Minn.
Jessarose Alexander.....St. Paul, Minn.
Muriel Alexander.....St. Paul, Minn.
Grace Amundson.....St. Paul, Minn.
Elsie Anderson.....St. Paul, Minn.
Mable Anderson.....St. Paul, Minn.
Mildred Augustine.....St. Paul, Minn.
Gordon Ausumb.....St. Paul, Minn.
Lois Avery.....Minneapolis, Minn.
Bernice Bailey.....St. Paul, Minn.
Mary Baldwin.....St. Paul, Minn.
Mae Barclay.....Cass Lake, Minn.
Evelyn Bast.....St. Paul, Minn.
Myrtle Bast.....St. Paul, Minn.
Dorothy Benner.....St. Paul, Minn.
Marion Benson.....Minneapolis, Minn.
Helen Bentley.....St. Paul, Minn.
Donovan Bess.....St. Paul, Minn.
Minnesota Bocheck.....Willow River, Minn.
Florence Bodwell.....St. Paul, Minn.
Cyrus Borg.....St. Paul, Minn.
Holley Brandrup.....Mankato, Minn.
Frederich Brandt.....St. Paul, Minn.
Helen Brandt.....St. Paul, Minn.
Helen C. Brandt.....Murdoch, Minn.
Ruth Brown.....St. Paul, Minn.
Edward Brugler.....St. Paul, Minn.
Mable Brugler.....St. Paul, Minn.
Roberta Brugler.....St. Paul, Minn.
Florence Bullard.....St. Paul, Minn.
Lorene Burns.....St. Paul, Minn.
Hazel Burnson.....Wahpeton, N. D.
Catherine Campbell.....St. Paul, Minn.
Helen Campbell.....St. Paul, Minn.
Isabelle Clark.....Rockville, Minn.
Frances Clausen.....Kenyon, Minn.
Marie Conley.....St. Paul Minn.

Gertrude Cook.....St. Paul, Minn.
Ned Cook.....St. Paul, Minn.
Bernice Cooley.....St. Paul, Minn.
Mrs. L. G. Dack.....St. Paul, Minn.
Madge Dailey.....St. Paul, Minn.
Madeline Davis.....St. Paul, Minn.
Joyce Dauwalter.....Carver, Minn.
Alvin De Boer.....St. Paul, Minn.
Dorothy Deebach.....St. Paul, Minn.
Orrin De Long.....St. Paul, Minn.
Rynell Derus.....St. Paul, Minn.
Lenora Deters.....St. Paul, Minn.
Mary Donnelly.....St. Paul, Minn.
Walter Dreis.....St. Paul, Minn.
Marjorie Drill.....St. Paul, Minn.
Mrs. J. Dunn.....St. Paul, Minn.
De Witt Eaton.....St. Paul, Minn.
Dorothy Engemoen.....St. Paul, Minn.
Audrey Engemoen.....St. Paul, Minn.
Adelaide Espeland.....St. Paul, Minn.
Orpha Fassett.....St. Paul, Minn.
Kathryn Felthous.....St. Paul, Minn.
Gladys Finnell.....St. Paul, Minn.
Thomas Finnell.....St. Paul, Minn.
Alice Fitch.....St. Paul, Minn.
Clinton Forsman.....St. Paul, Minn.
Donald Freeman.....St. Paul, Minn.
Esther Funk.....St. Paul, Minn.
Harold Funk.....St. Paul, Minn.
Ralph Fuce.....St. Paul, Minn.
Louise Georgeson.....St. Paul, Minn.
Helen Gibbs.....St. Paul, Minn.
Opal Giebler.....Stillwater, Minn.
Elsie Glasmer.....Plainview, Minn.
Veronica Gleason.....St. Paul, Minn.
Florence Gleckman.....St. Paul, Minn.
Ruth Gonniea.....St. Paul, Minn.
Mary Granger.....Aberdeen, S. D.
Ada C. Granstrom.....St. Paul, Minn.
Mable Gray.....St. Paul, Minn.
Kathryn Grobe.....St. Paul, Minn.
Prudence Grobe.....St. Paul, Minn.
Lorraine Gruenhagen.....St. Paul, Minn.
Dorothy Gunderson.....St. Paul, Minn.
Mrs. J. A. Gustafson.....St. Paul, Minn.
Clara Hanson.....Munising, Mich.
Sybil Harris.....St. Paul, Minn.
Harriet Hatcher.....St. Paul, Minn.
Louise Hatfield.....St. Paul, Minn.
Ross Haven.....St. Paul, Minn.
Dorothy Haxton.....St. Paul, Minn.

Margaret Hammond.....St. Paul, Minn.
Dorothy Havelick.....St. Paul, Minn.
Esther Hedeen.....Chicago, Ill.
Helen Heitkamp.....St. Paul, Minn.
Lyman Heitmiller.....St. Paul, Minn.
Cecile Hillan.....St. Paul, Minn.
Marguerite Hoffman.....St. Paul, Minn.
Edward Hollingsworth.....St. Paul, Minn.
Charline Holm.....St. Paul, Minn.
Eloise Holterhoff.....St. Paul, Minn.
Myrtle House.....Cass Lake, Minn.
Marjorie Hyslop.....Fulda, Minn.
Mary Hyslop.....Fulda, Minn.
Marjorie Irwin.....St. Paul, Minn.
Stanley Jacobson.....St. Paul, Minn.
Richard James.....Madelia, Minn.
Marjorie Jelinek.....St. Paul, Minn.
Anna Johnson.....St. Paul, Minn.
Evelyn Johnson.....St. Paul, Minn.
Kenneth Johnson.....St. Paul, Minn.
Lilly Johnson.....St. Paul, Minn.
Mildred Johnson.....St. Paul, Minn.
Olive Johnson.....Clifton, Kans.
Erwin Jungck.....St. Paul, Minn.
Helen Katner.....Hudson, Wis.
Mary Keating.....St. Paul, Minn.
Winifred Kenney.....St. Paul, Minn.
L. W. King.....St. Paul, Minn.
Nancy King.....St. Paul, Minn.
Alice Kingery.....St. Paul, Minn.
Gilbert Kingery.....St. Paul, Minn.
Evelyn Larson.....St. Paul, Minn.
Gladys Larson.....Le Sueur, Minn.
Laura Layng.....Bruno, Minn.
John Lindstrom.....St. Paul, Minn.
Thelma Long.....St. Paul, Minn.
Vivian Love.....Luck, Wis.
Harold Lund.....St. Paul, Minn.
Mary McFarland.....St. Paul, Minn.
William McAuley.....St. Paul, Minn.
Mable McCoy.....Campbell, Minn.
Muriel McGee.....Bemidji, Minn.
Neil McKenna.....St. Paul, Minn.
Norman McLeod.....Edgerton, Minn.
Evelyn MacMicking.....St. Paul, Minn.
Marjorie MacMicking.....St. Paul, Minn.
Alice Malmberg.....St. Paul, Minn.
Ruth Malone.....St. Paul, Minn.
Gloria Marles.....St. Paul, Minn.
May Marles.....St. Paul, Minn.
Alice Maulsby.....Sykeston, N. D.

Mary Maxfield.....St. Paul, Minn.
Beckwith Mayer.....St. Paul, Minn.
Adelheide Meiners.....St. Paul, Minn.
Marian Mellgren.....St. Paul, Minn.
Gladys Mitchell.....St. Paul, Minn.
Donald Morgan.....St. Paul, Minn.
Dorothea Morgan.....St. Paul, Minn.
Marion Morris.....Minneapolis, Minn.
Annabelle Morsbach.....Durand, Wis.
Carrie Mott.....Albert Lea, Minn.
Elizabeth Mullen.....St. Paul, Minn.
Marcella Mullen.....Madelia, Minn.
Evelyn Murphy.....St. Paul, Minn.
Elizabeth Murray.....St. Paul, Minn.
Mattie Murray.....St. Paul, Minn.
Edwin Neby.....St. Paul, Minn.
Dorothy Neibel.....St. Paul, Minn.
Margaret Neibel.....St. Paul, Minn.
Christine Nelson.....St. Paul, Minn.
Dorothy Nelson.....St. Paul, Minn.
Helen Nelson.....St. Paul, Minn.
Lucile Nelson.....Brooten, Minn.
Margaret Nelson.....St. Paul, Minn.
Stella Nicol.....Watertown, S. D.
Mrs. R. J. Oakes.....St. Paul, Minn.
Lucile Olson.....St. Paul, Minn.
Clara R. Paasche.....St. Paul, Minn.
Dorothy Pace.....St. Paul, Minn.
Margaret Paden.....Mankato, Minn.
Lurene Paff.....Blue Earth, Minn.
Fern Patterson.....St. Paul, Minn.
Ray Patterson.....St. Paul, Minn.
Anita Pennell.....West Concord, Minn.
Alice Peterson.....Prentice, Wis.
Louise Peterson.....St. Paul, Minn.
Marie Rackliff.....St. Paul, Minn.
Irene Rappe.....St. Paul, Minn.
Florence Ravenscroft.....St. Paul, Minn.
Sheila Ray.....St. Paul, Minn.
Mrs. A. Redlack.....St. Paul, Minn.
Clinton Reed.....St. Paul, Minn.
Amalia Renz.....St. Paul, Minn.
Helen Renz.....St. Paul, Minn.
Hulda Richter.....St. Paul, Minn.
Eleanor Ritt.....St. Paul, Minn.
Frances Robinson.....St. Paul, Minn.
Dollie Rosenberg.....St. Paul, Minn.
Julia Rost.....Kerkhoven, Minn.
Mrs. R. H. Rockwood.....St. Paul, Minn.
Helen Rumsey.....St. Paul, Minn.
James Ruscher.....St. Paul, Minn.

Robert Sands.....St. Paul, Minn.
Gladys Scheiber.....St. Paul, Minn.
Marvin Schroeder.....St. Paul, Minn.
Muriel Schwartz.....St. Paul, Minn
Clarence Schubring.....St. Paul, Minn.
Elsie Servik.....St. Paul, Minn.
Helen Seyfried.....St. Paul, Minn.
Ruth Sheley.....St. Paul, Minn.
Merrill Sherman.....St. Paul, Minn.
Carmen Simonson.....Albert Lea, Minn.
Lucille Sladek.....St. Paul, Minn.
Margaret Starvick.....St. Paul, Minn.
Sarah Steckel.....St. Paul, Minn.
John Stokes.....St. Paul, Minn.
Agnes Strander.....Crookston, Minn.
Anamay Strauss.....St. Paul, Minn.
Evelyn Sunburg.....St. Paul, Minn.
Louise Sydenstricker.....St. Paul, Minn.
Elizabeth Taggart.....St. Paul, Minn.
Josephine Tatum.....St. Paul, Minn.
Clair Thoraldson.....St. Paul, Minn.
Mr. D. Thomas.....St. Paul, Minn.
Joyce Thulen.....Breckenridge, Minn.
Florence Thune.....Redwood Falls, Minn.
Monica Tricker.....St. Paul, Minn.
Magdalen Vollhaber.....St. Paul, Minn.
Ann Vorlicky.....St. Paul, Minn.
Helen Vorlicky.....St. Paul, Minn.
Loren Warren.....Windom, Minn.
Fern Wattles.....St. Paul, Minn.
Bernard Weaver.....St. Paul, Minn.
Eleanor Weaver.....St. Paul, Minn.
Vivian Weir.....St. Paul, Minn.
Rosalie Weiss.....St. Paul, Minn.
Claudine Wellington.....St. Paul, Minn.
Lucile Wells.....St. Paul, Minn.
Pauline Weiser.....St. Paul, Minn.
Florence Wiebmer.....St. Paul, Minn.
Alice Whitney.....St. Paul, Minn.
Nora Wilcox.....Pine City, Minn.
Lois Wilkerson.....Rapid City, S. D.
Nellie Willson.....Minneapolis, Minn.
Helen A. Wilson.....Montevideo, Minn.
Dorothy Wolters.....Minneapolis, Minn.

Summary of Students

College	404
Conservatory of Music	223
Total	627
Counted twice	59
Net total	568

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